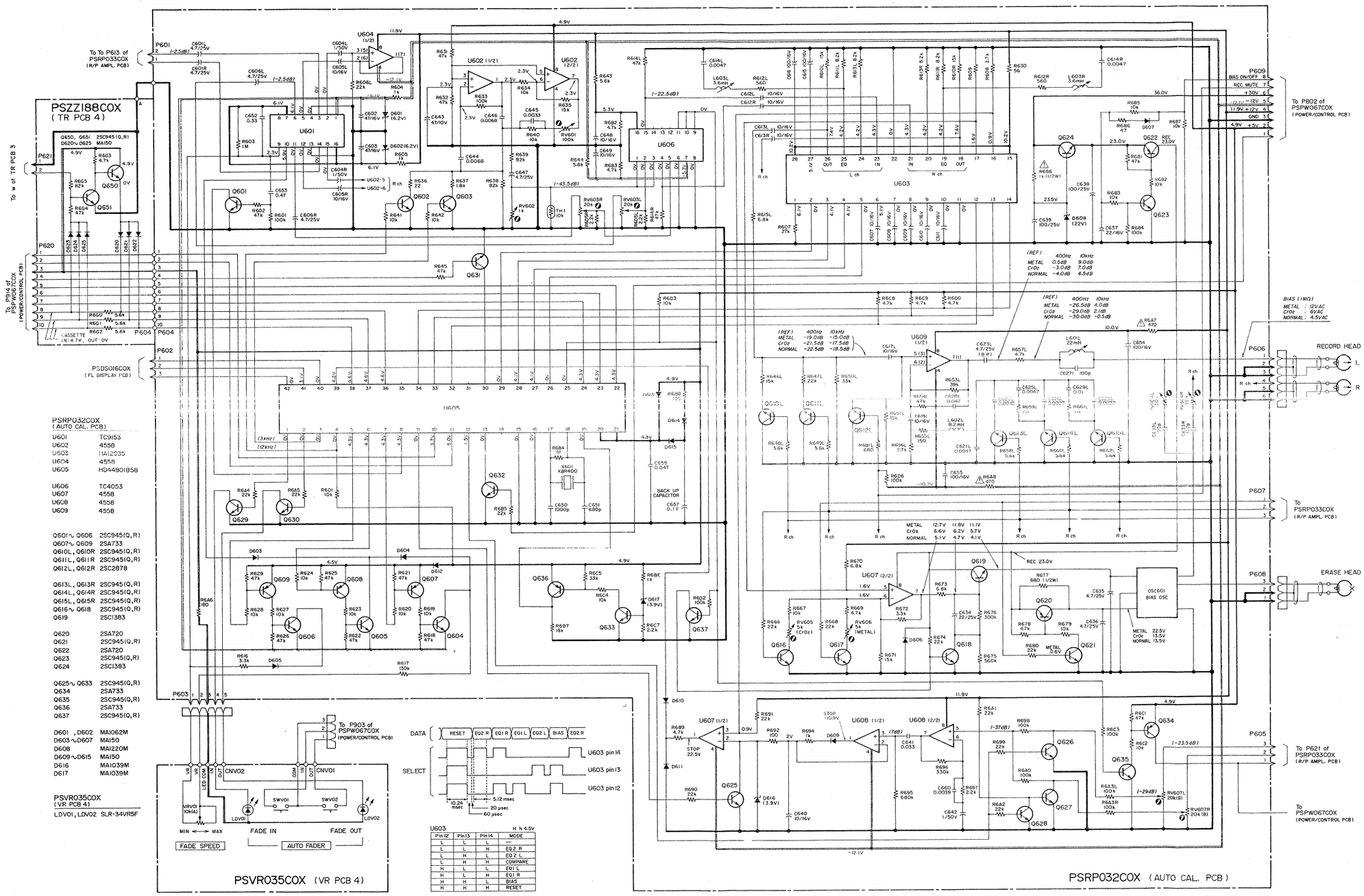
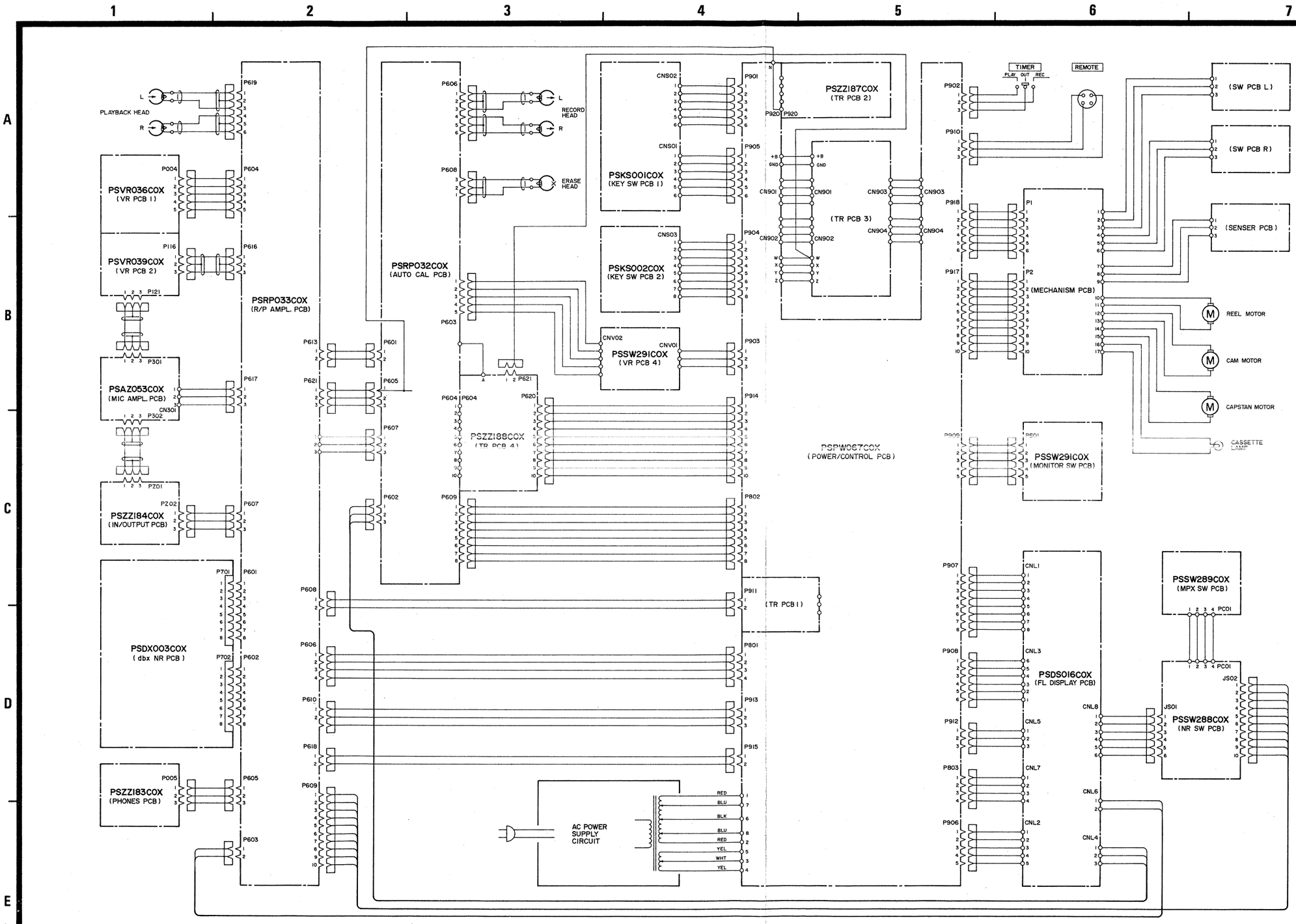
TEAC SCHEMATIC DIAGRAM (AUTO CAL.) V-900X



V-900X Stereo Cassette Deck

3rd Issue; April, 1984

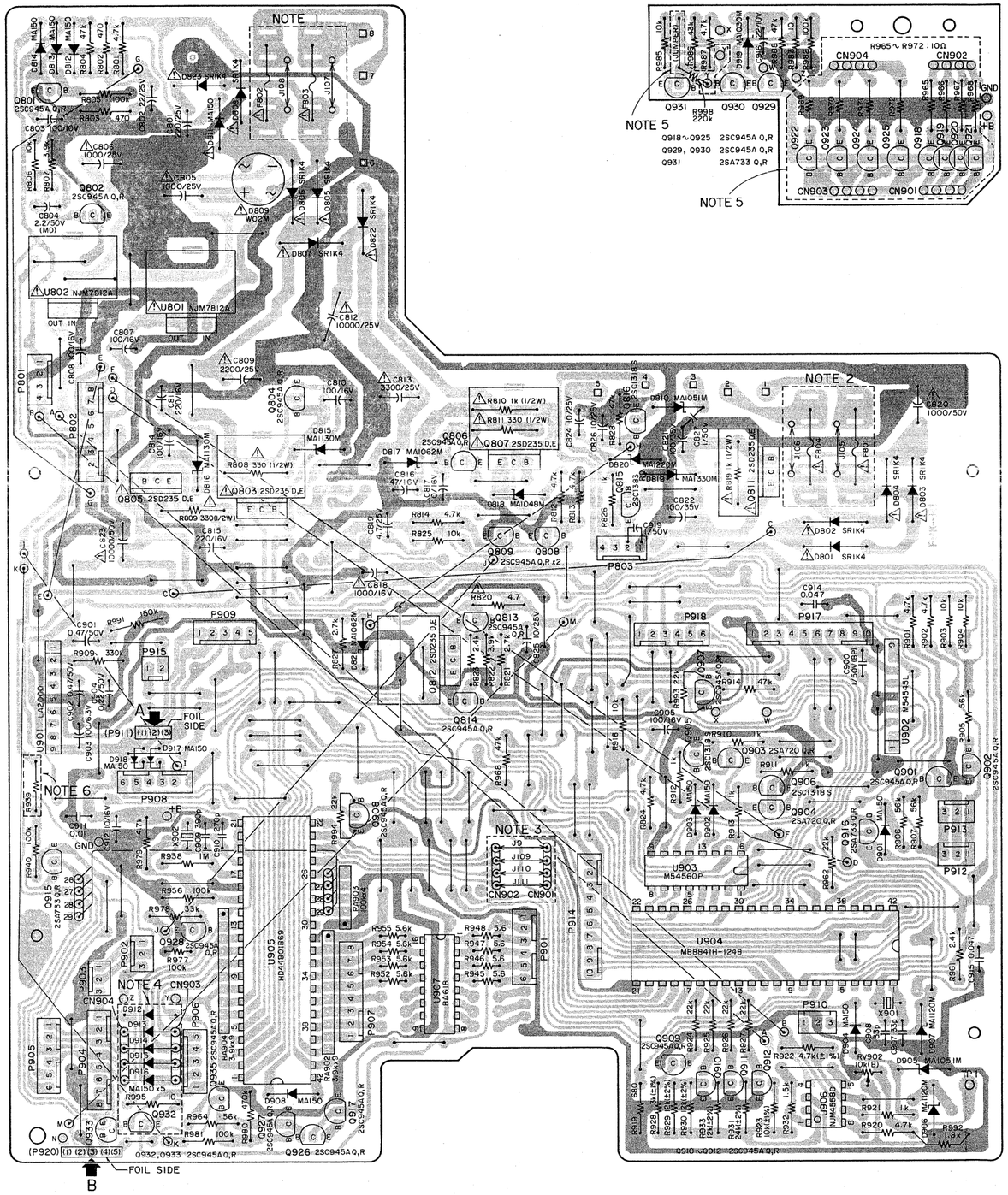
TEAC WIRING DIAGRAM V-900X



V-900X Stereo Cassette Deck

3rd Issue; April, 1984

POWER/CONTROL PCB ASSY (V-900X)

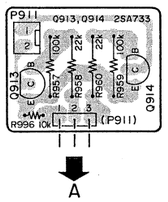


TR PCB 3 ASSY (V-900X)

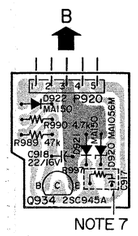
		EUROPE, U.K.	OTHER
NOTE 1	F802	1.6AT	J108 (Shorting)
	F803	1.6AT	J107 (Shorting)
NOTE 2	F804	0.5AT	J106 (Shorting)
	F801	0.5AT	J105 (Shorting)

Serial No.		10001~20000	20001~
NOTE 3	J9 J109~J111	Open	Shorting
NOTE 4	D912~D916	Not mounted	Mounted
	Q932, R995	Mounted	Not mounted
NOTE 5	CN901~CN904	Connected	Not connected
	Q918~Q925 R965~R972	Mounted	Not Mounted
	(Connection)	Y	Y'
	R998	Not mounted	Mounted
	(JUMPER)	Shorting	Open
NOTE 6	R939	5.6kΩ	47kΩ
NOTE 7	C917	22μF/16V	0.47μF/50V(KS)
	R997	Shorting	470kΩ

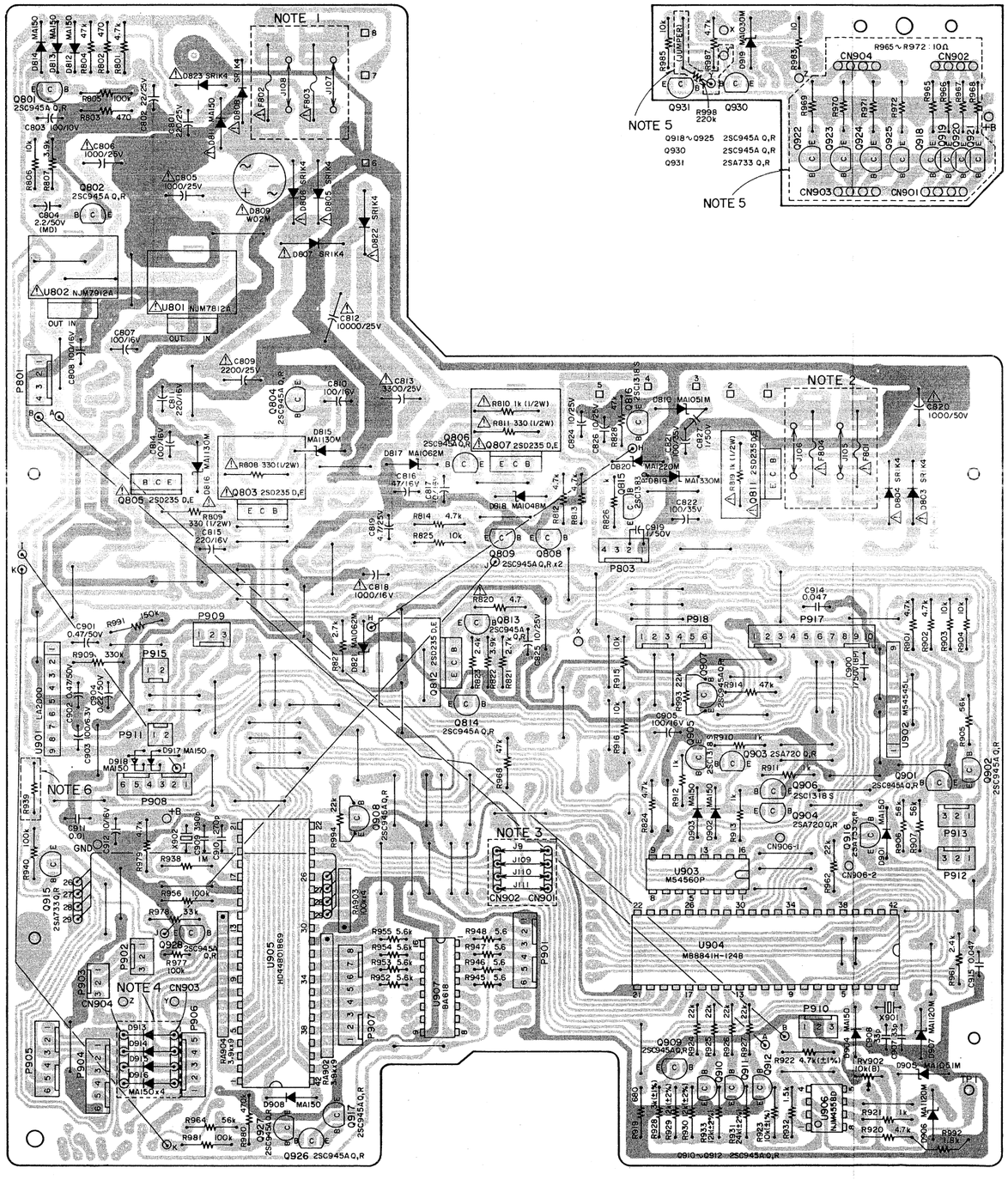
TR PCB 1 ASSY (V-900X)



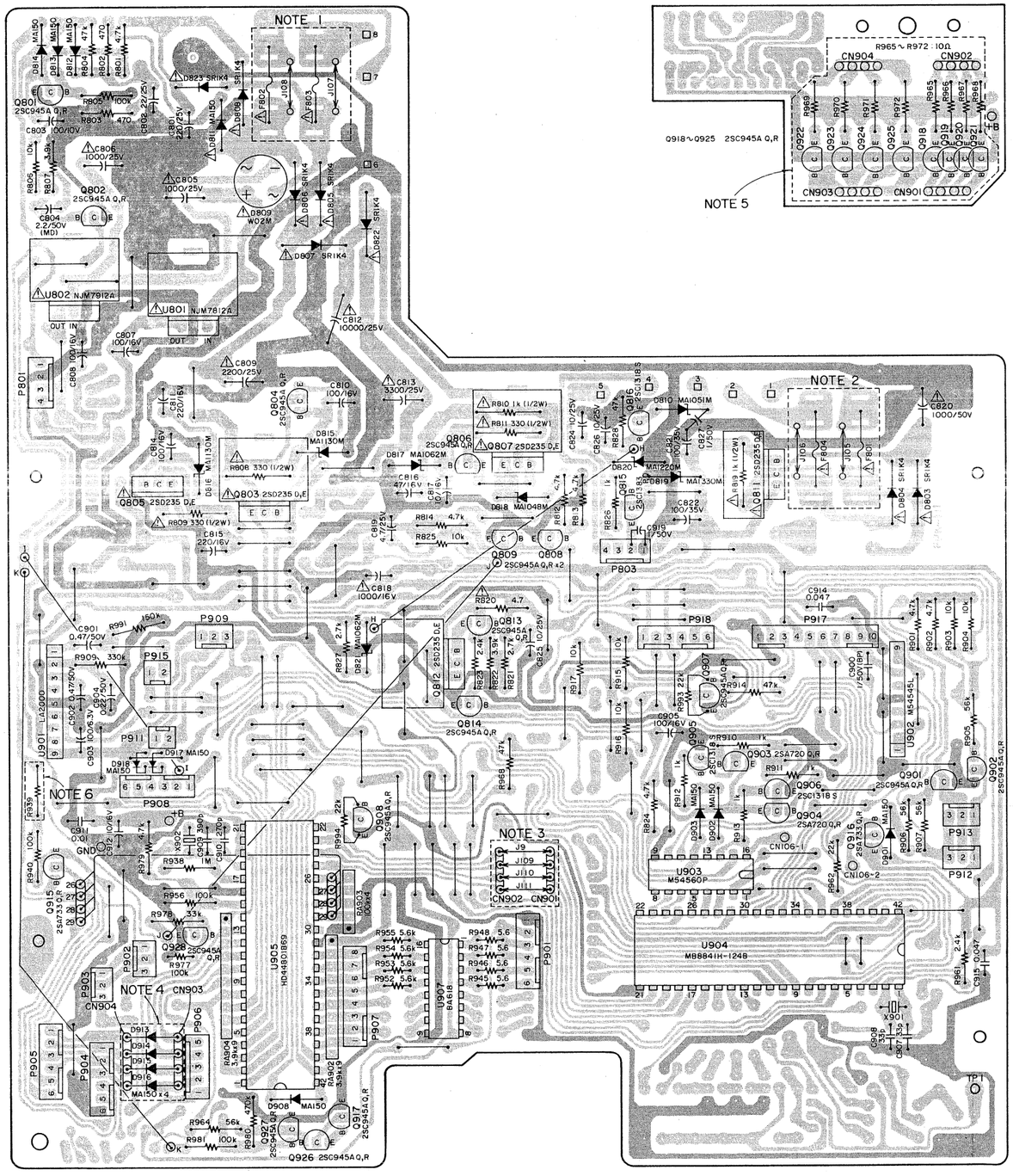
TR PCB 2 ASSY (V-900X)



POWER/CONTROL PCB ASSY (V-800X)


NOTE 1
NOTE 2
NOTE 3
NOTE 4
NOTE 6
P801
P802
P803
P804
P805
P806
P807
P808
P809
P810
P811
P812
P813
P814
P815
P816
P817
P818
P901
P902
P903
P904
P905
P906
P907
P908
P909
P910
P911
P912
P913
P915
P916
P917
P918
CN901
CN902
CN903
CN904
Q801 2SC945A Q,R
Q802 2SC945A Q,R
Q803 2SD235 D,E
Q804 2SC945A Q,R
Q805 2SD235 D,E
Q806 2SC945A Q,R
Q807 2SD235 D,E
Q808 2SC945A Q,R x2
Q809 2SC945A Q,R x2
Q810 2SC945A Q,R
Q811 2SD235 D,E
Q812 2SD235 D,E
Q813 2SC945A
Q814 2SC945A Q,R
Q901 2SC945A Q,R
Q902 2SC945A Q,R
Q903 2SA720 Q,R
Q904 2SA720 Q,R
Q905 2SC1318 S
Q906 2SC1318 S
Q907 2SC945A Q,R
Q908 2SC945A Q,R
Q909 2SC945A Q,R
Q910~Q912 2SC945A Q,R
Q913 2SA733 Q,R
Q914 2SC945A Q,R
Q915 2SA733 Q,R
Q916 2SC945A Q,R
Q917 2SC945A Q,R
Q926 2SC945A Q,R
U801 NJM7812A
U802 NJM7912A
U901 L4960
U902 M54545L
U903 M54560P
U904 M88841H-1248
U905 HD49801B69
U906 NJM4558D
U907 BA618
D801 WO2M
D802 SR1K4
D803 SR1K4
D804 SR1K4
D805 SR1K4
D806 SR1K4
D807 SR1K4
D808 MAI50
D809 MAI50
D810 MAI05IM
D811 MAI330M
D812 MAI50
D813 MAI50
D814 MAI50
D815 MAI30M
D816 MAI30M
D817 MAI06ZM
D818 MAI04BM
D819 MAI220M
D820 MAI330M
D901 MAI05IM
D902 MAI05IM
D903 MAI05IM
D904 MAI120M
D905 MAI05IM
D906 MAI120M
D907 MAI120M
D908 MAI50
D909 MAI50
D910 MAI50
D911 MAI50
D912 MAI50
D913 MAI50
D914 MAI50
D915 MAI50
D916 MAI50
D917 MAI50
D918 MAI50
X801
X901
X902
J101
J102
J103
J104
J105
J106
J107
J108
J109
J110
J111
F801
F802
F803
F804
R965~R972 10Ω
R998 220k
R939 5.6k
R940 100k
R977 100k
R978 33k
R991 150k
R909 330k
R938 1M
R956 100k
R964 56k
R981 100k
R820 4.7
R914 47k
R915 10k
R916 10k
R968 47k
R910 1k
R911 1k
R912 1k
R913 1k
R920 47k
R921 1k
R922 4.7k(±1%)
RV902 10k(B)
C801 100/10V
C802 22/25V
C803 100/10V
C804 2.2/50V (MD)
C805 0.01
C806 1000/25V
C807 100/16V
C808 100/16V
C809 2200/25V
C810 100/16V
C811 0.01
C812 10000/25V
C813 3300/25V
C814 100/16V
C815 220/16V
C816 47/16V
C817 0.01
C818 1000/16V
C819 4.7/25V
C820 1000/50V
C821 1/50V
C822 100/35V
C823 1/50V
C824 10/25V
C825 10/25V
C826 10/25V
C827 10/25V
C901 0.47/50V
C902 0.47/50V
C903 10/6.3V
C904 0.22/50V
C905 100/16V
C906 0.01
C907 0.01
C908 220/6.3V
C909 0.01
C910 220/6.3V
C911 0.01
C912 10/16V
C913 0.01
C914 0.047
C915 0.047
C916 0.047
C917 0.047
C918 0.047
C919 0.047
C920 0.047
C921 0.047
C922 0.047
C923 0.047
C924 0.047
C925 0.047
C926 0.047
C927 0.047
C928 0.047
C929 0.047
C930 0.047
C931 0.047
C932 0.047
C933 0.047

POWER/CONTROL PCB ASSY (V-700)

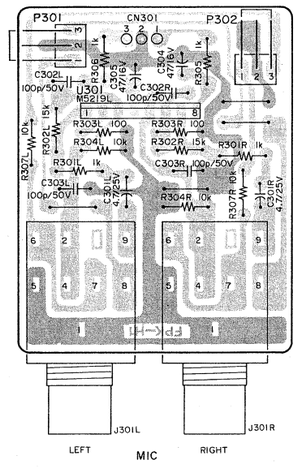


TR PCB 3 ASSY (V-700)

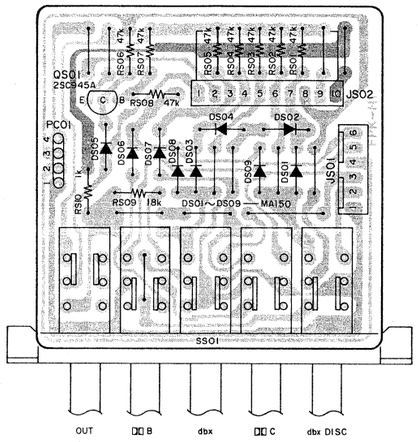
		EUROPE, U.K.	OTHER
NOTE 1	F802	1.6AT	J108 (Shorting)
	F803	1.6AT	J107 (Shorting)
NOTE 2	F804	0.5AT	J106 (Shorting)
	F801	0.5AT	J105 (Shorting)

Serial No.		10001 ~ 20000	20001 ~
NOTE 3	J9 J109 ~ J111	Open	Shorting
NOTE 4	D913 ~ D916	Not mounted	Mounted
NOTE 5	CN901 ~ CN904	Connected	Not connected
	Q918 ~ Q925 R965 ~ R972	Mounted	Not Mounted
NOTE 6	R939	5.6kΩ	47kΩ

MIC AMPL PCB ASSY

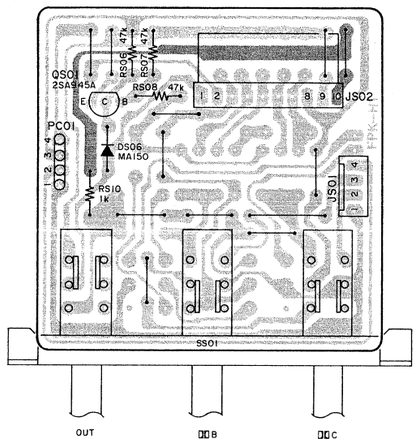


NR SW PCB ASSY (V-900X, V-800X)



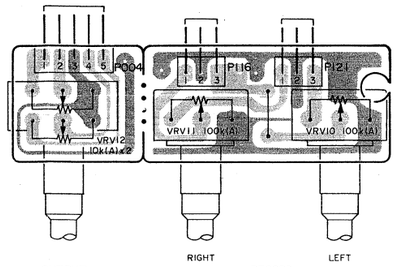
NR SYSTEM

NR SW PCB ASSY (V-700)

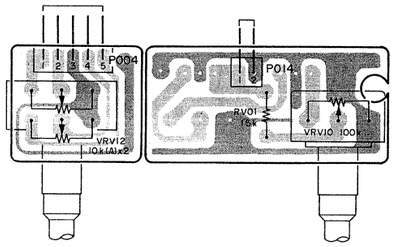


NR SYSTEM

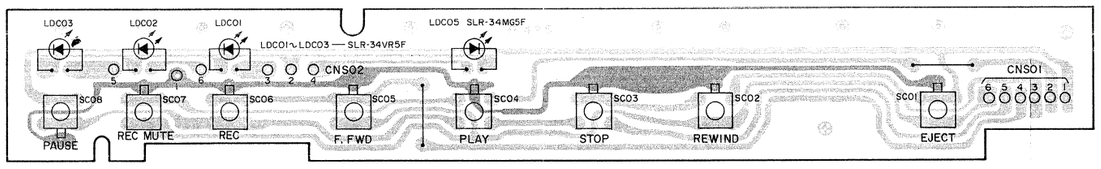
VR PCB 1, 2 ASSY (V-900X)



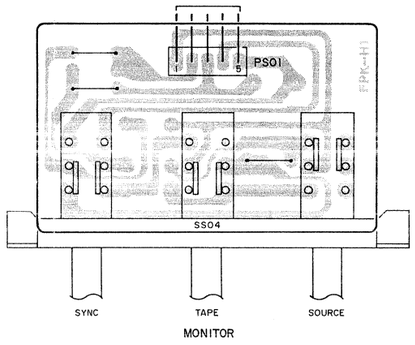
VR PCB 1, 2 ASSY (V-800X, V-700)



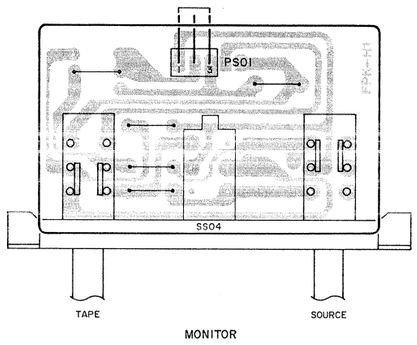
KEY SW PCB 1 ASSY



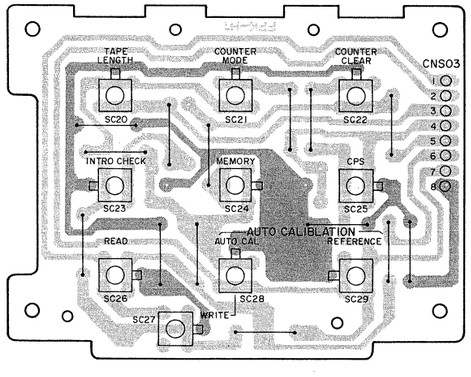
MONITOR SW PCB ASSY (V-900X)



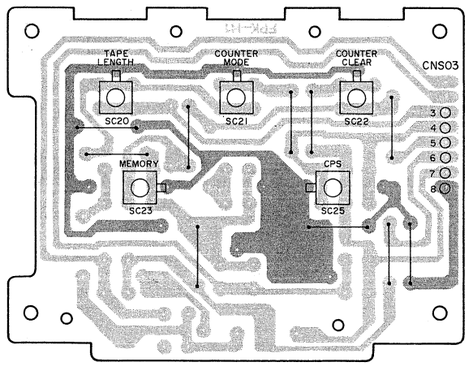
MONITOR SW PCB ASSY (V-800X, V-700)



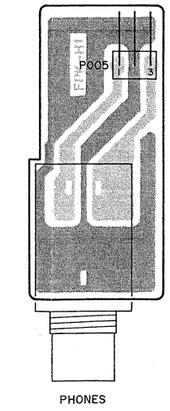
KEY SW PCB 2 ASSY (V-900X)



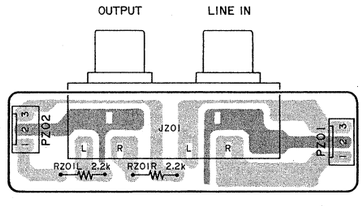
KEY SW PCB 2 ASSY (V-800X, V-700)



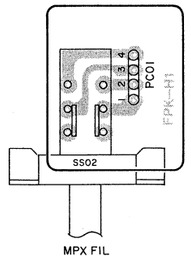
PHONES PCB ASSY



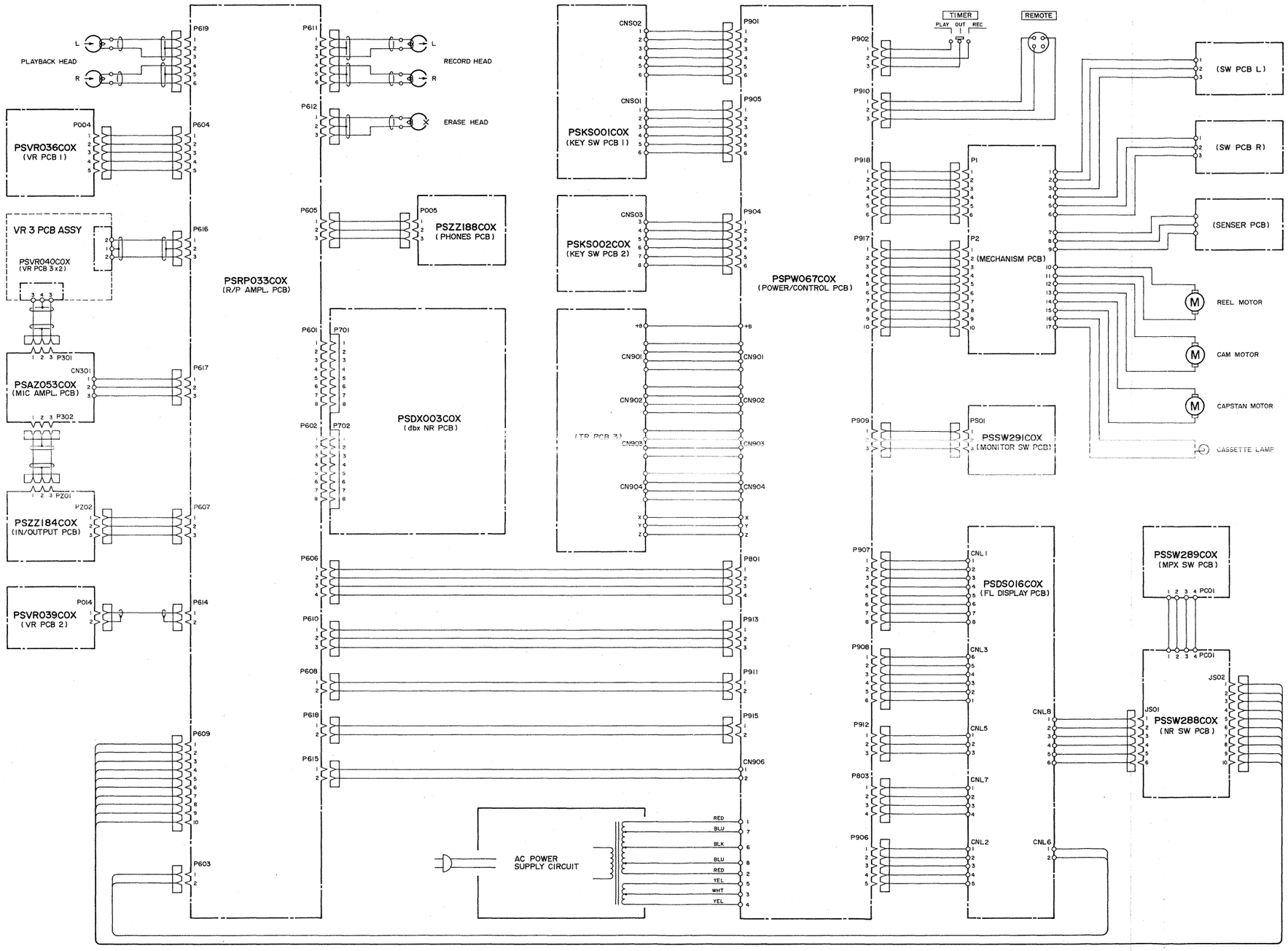
IN/OUTPUT PCB ASSY



MPX SW PCB ASSY



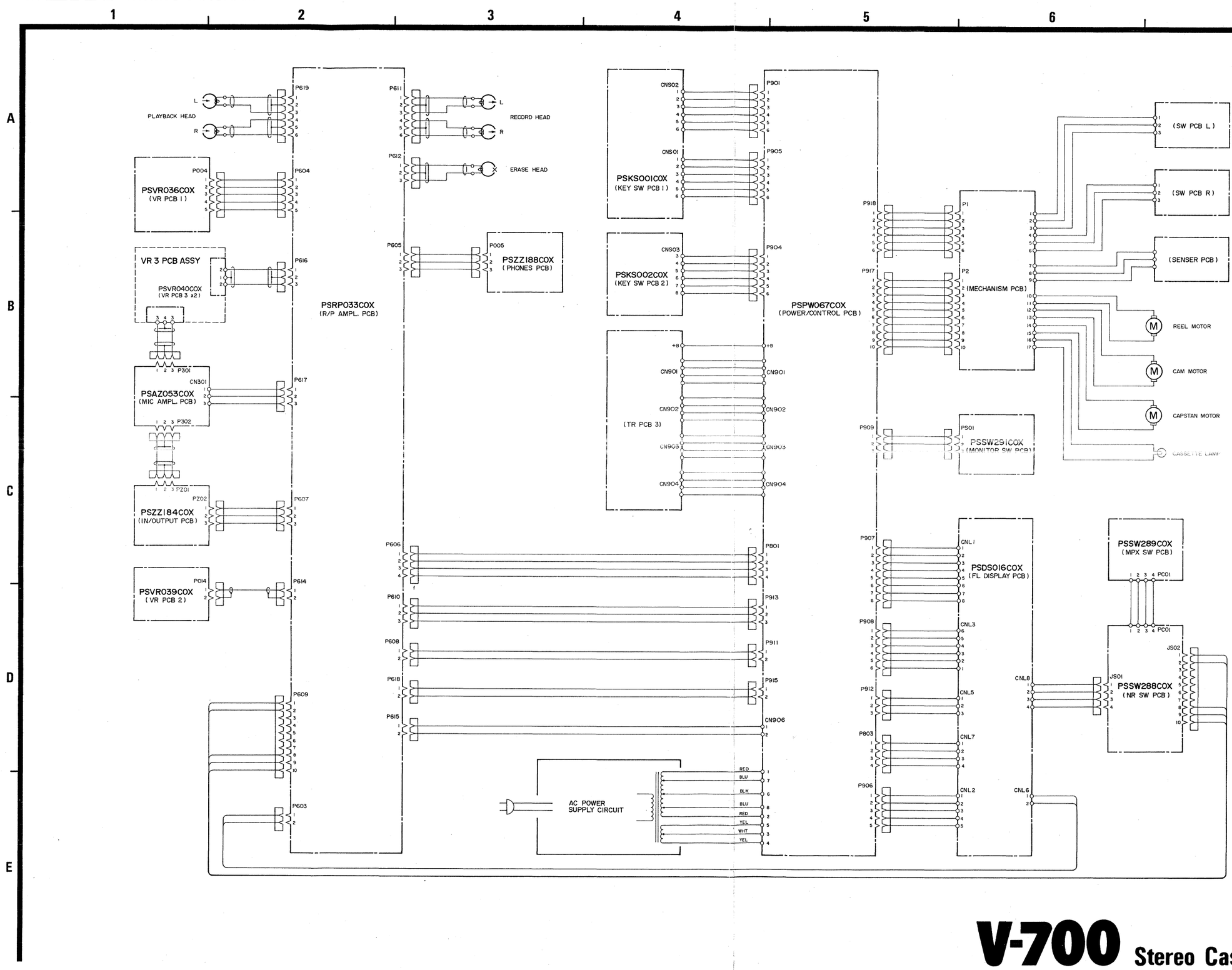
TEAC WIRING DIAGRAM V-800X



V-800X Stereo Cassette Deck

3rd Issue; April, 1984

TEAC WIRING DIAGRAM V-700



V-700 Stereo Cassette Deck

3rd Issue; April, 1984

PSKS002C0X
(KEY SW PCB 2)

TAPE LENGTH SC24
COUNTER MODE SC21
CPS SC25
MEMORY SC20
COUNTER CLEAR SC22
CNS03

PSKS001C0X (KEY SW PCB 1)

EJECT SC01
PAUSE SC08
REC MUTE SC07
PLAY SC04
REWIND SC02
STOP SC03
F. FWD SC05
REC SC06

REC MUTE LDC02
PAUSE LDC03
PLAY LDC05
REC LDC01

LDC01 SLR-34VR5F
LDC02 SLR-34VR5F
LDC03 SLR-34VR5F
LDC05 SLR-34MG5F

CNS02
CNS01

P901
P905
P904

R945 56
R946 56
R947 33
R948 56

U907

RA904 3.9k x10

Q926
Q917
Q927
R964 56k
R980 470k

U905

RA902 3.9k x9
D908

RA903 100k x4

R978 33k

U904

C915 0.047

R940 100k
Q915
R939 5.6k

R981 100k

X902 KBR-400
R938 1M
C909 390p
C910 270p
C911 0.01
C912 10/16V

Q908
Q928
R979 4.7k
R963 47k
R956 100k
R977 100k

X901 KBR-4.0M
R961 2.4k
R915 10k
R914 47k
C907 33p
C908 33p
Q907

PSSW291C0X
(MONITOR SW PCB)

PS01
P909

ON
OFF
SOURCE
TAPE
MONITOR
SS04

D918 D917

Q918 ~ Q925 : 2SC945

Q918 Q919 Q920 Q921 Q922 Q923 Q924 Q925

R965 10
R966 10
R967 10
R968 10
R972 10
R971 10
R970 10
R969 10

+B

(TR PCB 3)

P907 P906 P908

To PSSW288C0X (NR SW PCB)
To P603 of PSRP033C0X (R/P AMPL. PCB)

PSDS016C0X
(FL DISPLAY PCB)

CNL1 CNL2 CNL3 CNL5 CNL6 CNL7

ULO1 TA7318P
ULO2 MSL9359
ULO3 ~ ULO5 MSL912RS

QLO1L , QLO1R 2SA733
QLO2 2SD601A

DLO1L , DLO1R MAI50
DLO2L , DLO2R MAI50
DLO3L , DLO3R MAI50
DLO4 MAI50
DLO5 MAI051M

ULO1 ULO2 ULO3 ULO5

RL40 10k
RL39 10k
RL38 10k
RL37 33k
RL36 33k
RL35 33k
RL34 33k
RL33 33k
RL32 33k
RL31 33k
RL30 33k
RL29 33k
RL27 33k
RL26 33k
RL25 33k
RL24 33k

RL42 100k
QL02
RL41 47k
RL43 470k

RL12 820 (1/2W)
RL11 470k
DL04
RL10 51k
RL09 18k
DL05
CL05 100/16V
CL06 0.015
CL07 2.2/16V
CL08 0.47/50V
RL07R 24k
RL07L 24k
QL01R
QL01L
RL05L 82k
RL05R 82k
RL05L 10k
RL05R 10k

RL08 1.2k
RL01L 12k
RL01R 12k
CL01L 1/50V
CL01R 1/50V
CL09 100/16V
CL04 4.7/50V

RL02L 820
RL02R 820
DL01L DL01R
DL02L DL02R
DL03L DL03R
RL03L 2.2k
RL04L 100p
CL03L 1/50V
RL04L 1M
CL02L 1/50V
CL03R 1M
RL04R 100p
CL03R 2.2k
RL05R

RL20 RL19 RL18 RL18~RL20 5.6k x3
RL17 100k
RL16 100k
RL15 100k

MEMO SOURCE TAPE CPS METER SCALE
NORMAL Cr-O2 METAL
MPX DOLBY DOLBY C

MIN SEC MEMORY CPS

-20 +10

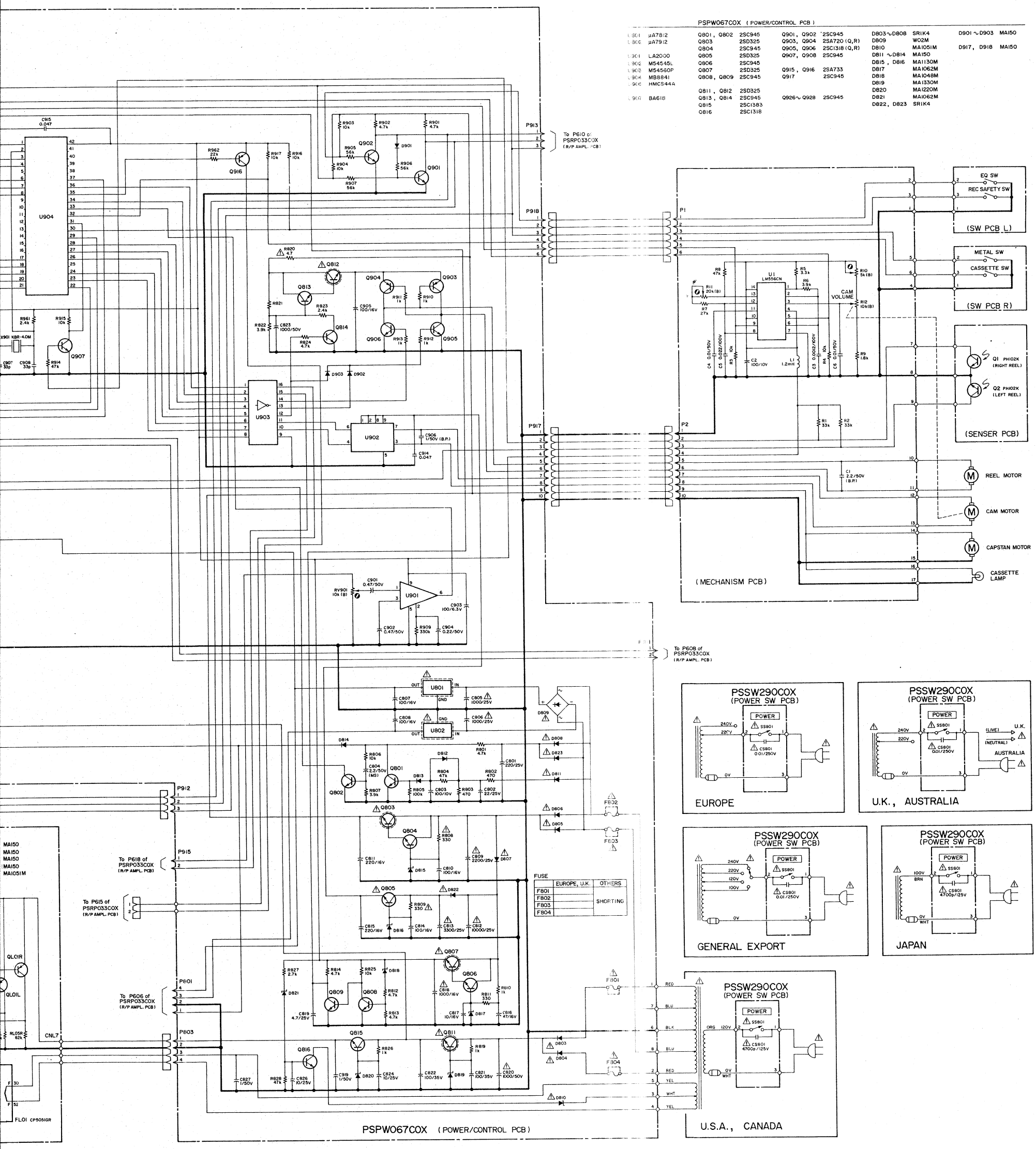
F 30 F 52

FL01 CP5051GR

To P615 of PSRP033C0X (R/P AMPL. PCB)

PSPW067COX (POWER/CONTROL PCB)

U801	μA7812	Q801 , Q802	2SC945	Q901 , Q902	2SC945	D803∿D808	SR1K4	D901 ∿D903	MA150
U802	μA7912	Q803	2SD325	Q903, Q904	2SA720 (Q,R)	D809	W02M		
		Q804	2SC945	Q905, Q906	2SC1318 (Q,R)	D810	MA1051M	D917, D918	MA150
U901	LA2000	Q805	2SD325	Q907, Q908	2SC945	D811 ∿D814	MA150		
U902	M54545L	Q806	2SC945			D815 , D816	MA1130M		
U903	M54560P	Q807	2SD325	Q915 , Q916	2SA733	D817	MA1062M		
U904	MB8841	Q808 , Q809	2SC945	Q917	2SC945	D818	MA1048M		
	HMCS44A					D819	MA1330M		
		Q811 , Q812	2SD325			D820	MA1220M		
U907	BA618	Q813 , Q814	2SC945	Q926∿ Q928	2SC945	D821	MA1062M		
		Q815	2SC1383			D822, D823	SR1K4		
		Q816	2SC1318						



PSSW290C0X (POWER SW PCB)

PSSW290C0X (POWER SW PCB)

PSSW290C0X (POWER SW PCB)

PSSW290C0X (POWER SW PCB)

PSSW290C0X (POWER SW PCB)

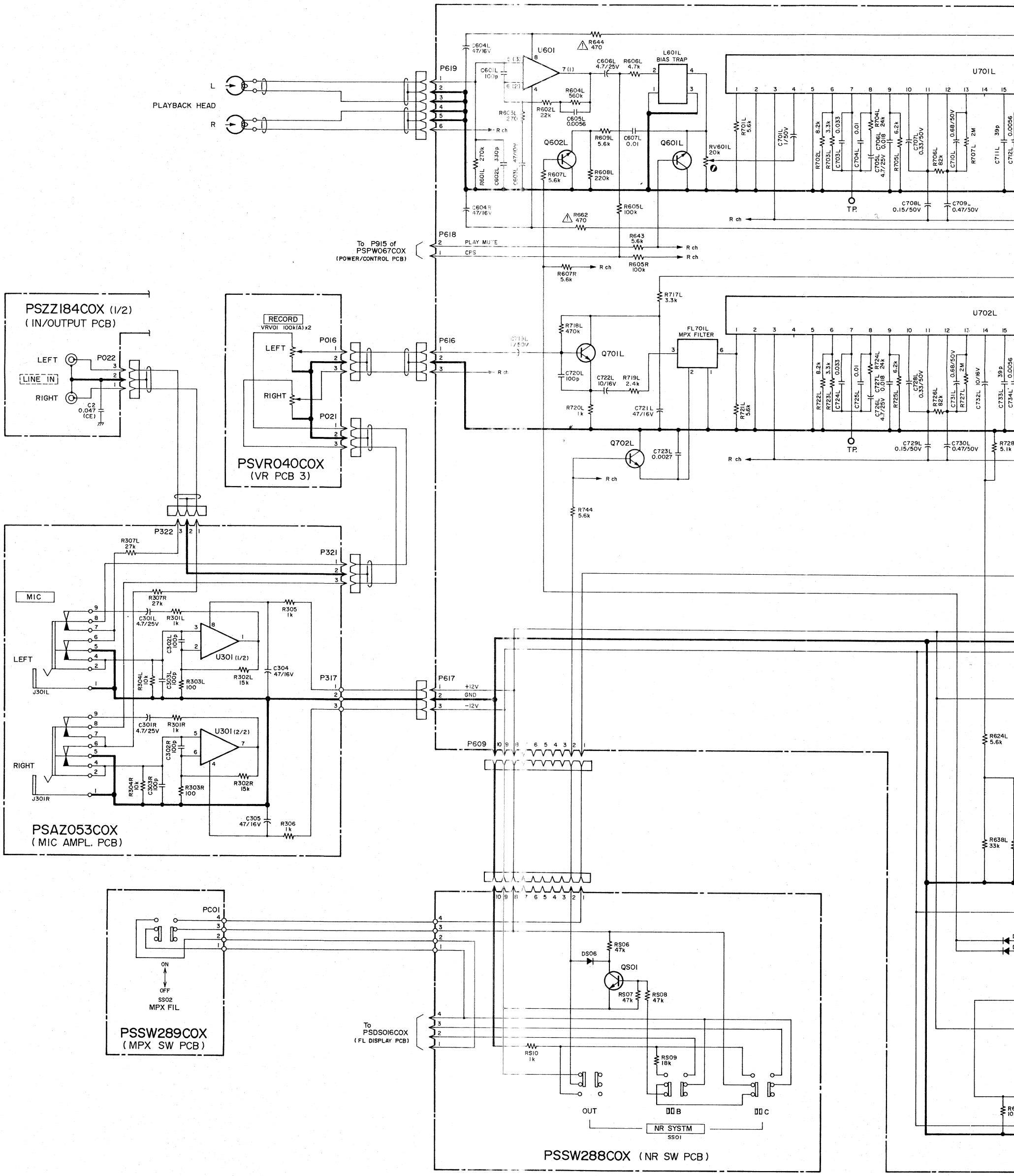
PSPW067COX (POWER/CONTROL PCB)

1

TEAC®

V-700

November, 1983



PSAZ053COX
(MIC AMPL. PCB)

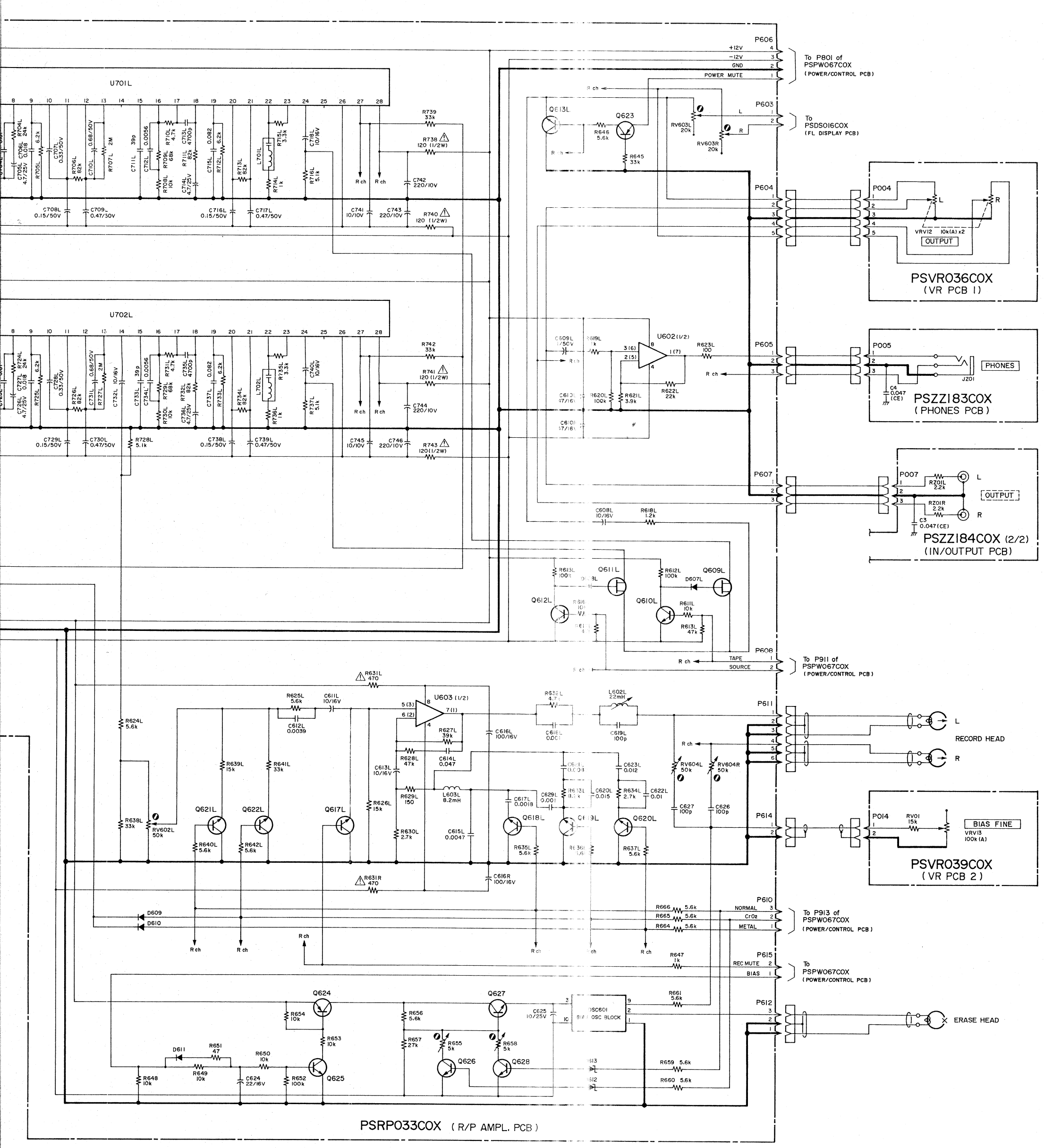
U301	M5219L

PSSW288COX
(NR SW PCB)

QS01	2SC945(Q,R)
DS06	MA150

PSRP033COX
(POWER/CONTROL PCB)

U601	M5220	Q601L , Q601R	2SC2878	Q617L , Q617R	2SC2878	Q701L , Q701R	2SC945(Q,R)
U602	M5218	Q602L , Q602R	2SC945(Q,R)	Q618L , Q618R	2SC945(Q,R)	Q702L , Q702R	2SC945(Q,R)
U603	RC4558P			Q619L , Q619R	2SC945(Q,R)		
		Q609L , Q609R	2SK136	Q620L , Q620R	2SC945(Q,R)		
U702L , U702R	HA12058	Q610L , Q610R	2SC945(Q,R)	Q621L , Q621R	2SC945(Q,R)	D607L , D607R	MA150
U702L , U702R	HA12058	Q611L , Q611R	2SK136	Q622L , Q622R	2SC945(Q,R)	D608L , D608R	MA150
		Q612L , Q612R	2SC945(Q,R)	Q623 , Q624	2SA733	D609 ~D611	MA150
		Q613L , Q613R	2SC2878	Q625 , Q626	2SC945(Q,R)	D612 , D613	MA1120M
				Q627	2SC1383		
				Q628	2SC945(Q,R)		



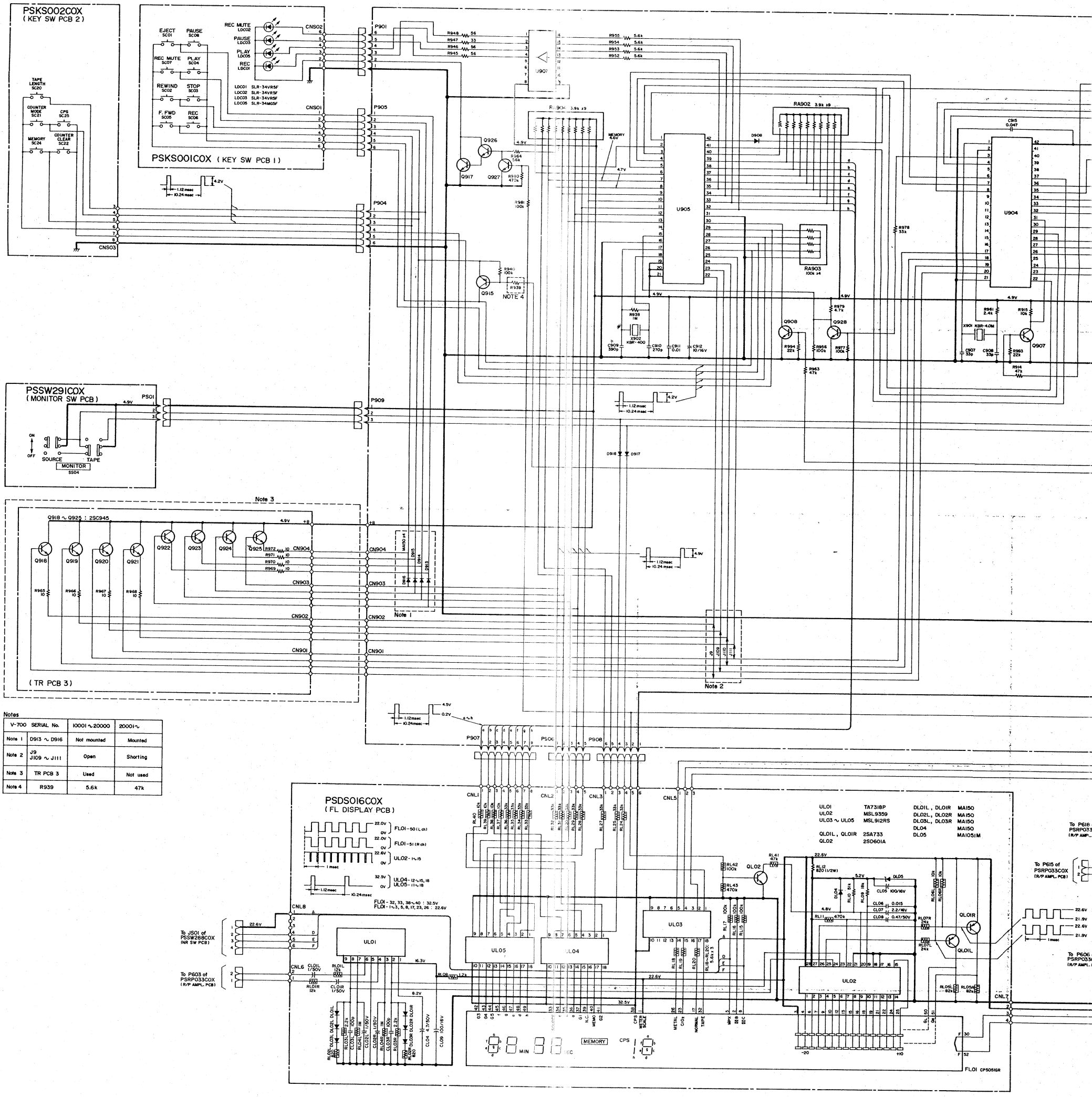
, Q701R 2SC945(Q,R)
L, Q702R 2SC945(Q,R)

L, D607R MA150
L, D608R MA150
~D611 MA150
, D613 MA1120M

1

TEAC®
V-700
November, 1983

TEAC SCHEMATIC DIAGRAM (POWER/CONTROL, FL DISPLAY) V-700



PSPW067COX (POWER/CONTROL PCB)

U801	μA7812	Q801 , Q802	2SC945	Q901 , Q902	2SC945	D803∿D808	SR1K4	D901 ∿ D903	MA150
U802	μA7912	Q803	2SD325	Q903 , Q904	2SA720 (Q,R)	D809	W02M		
		Q804	2SC945	Q905 , Q906	2SC1318 (O,R)	D810	MA105IM	D917 , D918	MA150
U901	LA2000	Q805	2SD325	Q907 , Q908	2SC945	D811 ∿D814	MA150		
U902	M54545L	Q806	2SC945			D815 , D816	MA1130M		
U903	M54560P	Q807	2SD325	Q915 , Q916	2SA733	D817	MA1062M		
U904	MB8841	Q808 , Q809	2SC945	Q917	2SC945	D818	MA1048M		
U905	HMCS44A					D819	MA1330M		
		Q811 , Q812	2SD325			D820	MA1220M		
U907	BA618	Q813 , Q814	2SC945	Q926∿ Q928	2SC945	D821	MA1062M		
		Q815	2SC1383 or 2SC1384			D822 , D823	SR1K4		
		Q816	2SC1318						

UL01	TA7318P	DL01L , DL01R	MA150	
UL02 ∿ UL03	MSL9359	DL02L , DL02R	MA150	
UL05	MSL912RS	DL03L , DL03R	MA150	
		DL04	MA150	
QL01L , QL01R	2SA733	DL05	MA105IM	
QL02	2SD601A			

FUSE	EUROPE, U.K.	OTHERS
F801	0.5AT	SHORTING
F802	1.6AT	
F803	1.6AT	
F804	0.5AT	

PSSW290C0X (POWER SW PCB)
EUROPE

PSSW290C0X (POWER SW PCB)
U.K., AUSTRALIA

PSSW290C0X (POWER SW PCB)
GENERAL EXPORT

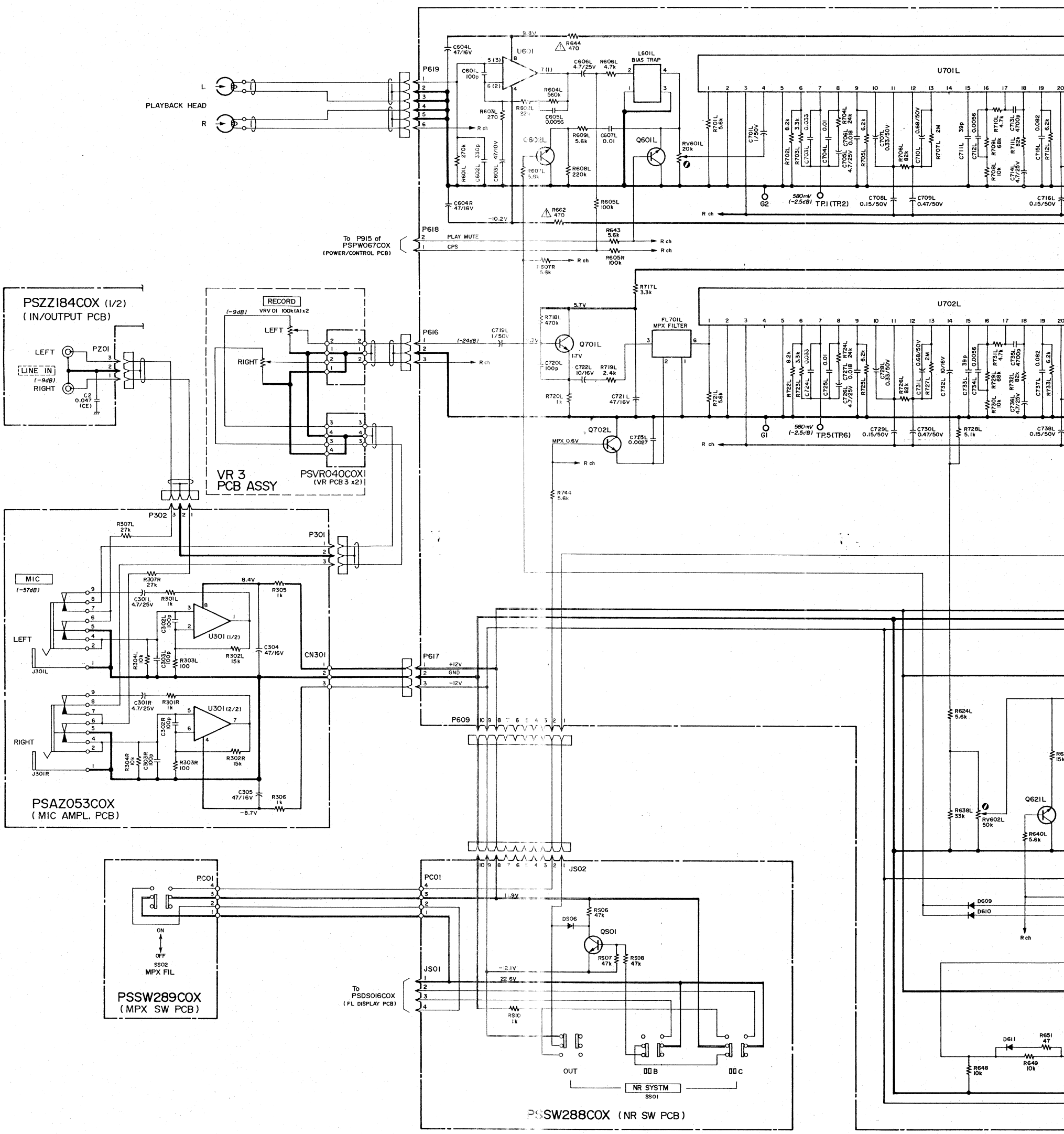
PSSW290C0X (POWER SW PCB)
JAPAN

PSSW290C0X (POWER SW PCB)
U.S.A., CANADA

V-700 Stereo Cassette Deck

3rd Issue; April, 1984

TEAC SCHEMATIC DIAGRAM (R/P AMPL., MIC AMPL.) V-700



PSAZ053COX
(MIC AMPL. PCB)

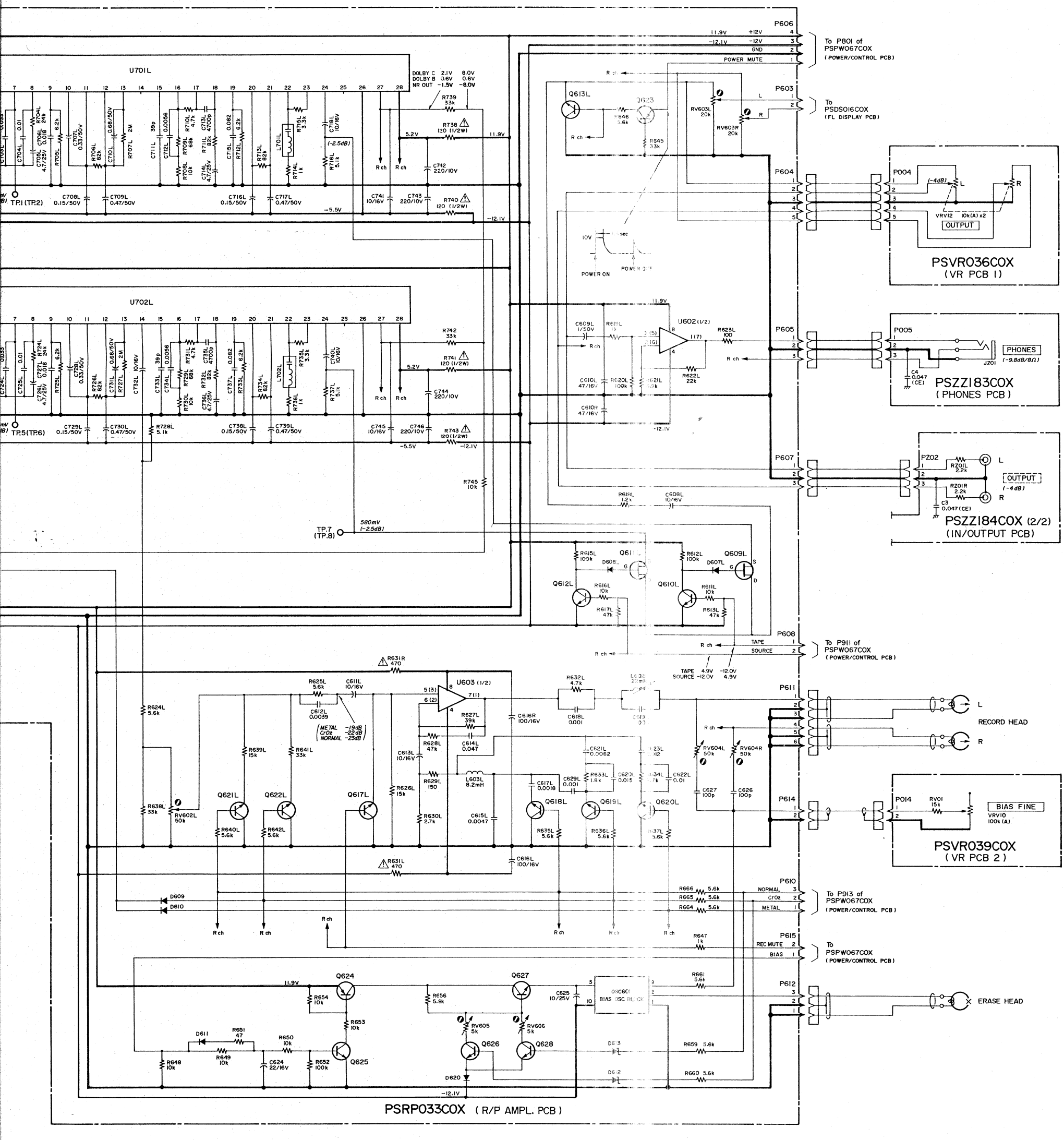
U301	M5219

PSSW288COX
(NR SW PCB)

QS01	2SC945(Q,R)
DS06	MA150

PSRP033COX
(POWER/CONTROL PCB)

U601	M5220	Q601L , Q601R	2SC2878	Q617L , Q617R	2SC2878	Q701L , Q701R	2SC945(Q,R)
U602	M5218	Q602L , Q602R	2SC945(Q,R)	Q618L , Q618R	2SC945(Q,R)	Q702L , Q702R	2SC945(Q,R)
U603	RC4558P			Q619L , Q619R	2SC945(Q,R)		
		Q609L , Q609R	2SK136	Q620L , Q620R	2SC945(Q,R)		
U702L , U702R	HA12058	Q610L , Q610R	2SC945(Q,R)	Q621L , Q621R	2SC945(Q,R)	D607L , D607R	MA150
U702L , U702R	HA12058	Q611L , Q611R	2SK136	Q622L , Q622R	2SC945(Q,R)	D608L , D608R	MA150
		Q612L , Q612R	2SC945(Q,R)	Q623 , Q624	2SA733	D609 ~D611	MA150
		Q613L , Q613R	2SC2878	Q625 , Q626	2SC945(Q,R)	D612 , D613	MA1120M
				Q627	2SC1383	D620	MA150
				Q628	2SC945(Q,R)		



Q701L , Q701R	2SC945(Q,R)
Q702L , Q702R	2SC945(Q,R)
D607L , D607R	MA150
D608L , D608R	MA150
D609 ~D611	MA150
D612 , D613	MA1120M
D620	MA150

V-700 Stereo Cassette Deck

3rd Issue; April, 1984

PSKS002C0X
(KEY SW PCB 2)

EJECT SC01 PAUSE SC08
REC MUTE SC07 PLAY SC04
REWIND SC02 STOP SC03
F. FWD SC05 REC SC06
TAPE LENGTH SC20
COUNTER MODE SC21 CPS SC25
MEMORY SC24 COUNTER CLEAR SC22
CNS03

REC MUTE LDC02
PAUSE LDC03
PLAY LDC05
REC LDC01
CNS02
LDC01 SLR-34VR5F
LDC02 SLR-34VR5F
LDC03 SLR-34VR5F
LDC05 SLR-34MG5F

PSKS001C0X (KEY SW PCB 1)

P901 P905 P904

R945 56 R946 56 R947 33 R948 56
U907
R952 5.6k R953 5.6k R954 5.6k R955 5.6k
RA904 3.9k x9
RA902 3.9k x9
D908
Q926 Q917 Q927 R964 56k R980 470k
R981 100k
U905
RA903 100k x4
R978 33k
C915 0.047
U904
R940 100k Q915 R939 47k
R936 1M X902 KBR-400 C909 390p C910 270pF C911 0.01 C912 10/16V
Q908 Q928 R979 4.7k R984 22k R966 150k R972 100k R963 47k
R961 2.4k R962 10k X901 KBR-4.0M C907 33p C908 33p R993 22k Q907 R914 47k

PSSW291C0X
(MONITOR SW PCB)
PS01
ON OFF SOURCE TAPE
MONITOR SS04

P909
D916 D917

Note 3
Q918 ~ Q925 : 2SC945
+B
Q918 Q919 Q920 Q921 Q922 Q923 Q924 Q925
R965 10 R966 10 R967 10 R968 10 R972 10 R971 10 R970 10 R969 10
MA150 x4 D915 D914 D913 D916
Note 1
(TR PCB 3)

9F 0.01F 0.01F
Note 2

Notes

V-700 SERIAL No.		10001 ~ 20000	20001 ~
Note 1	D913 ~ D916	Not mounted	Mounted
Note 2	J9 J109 ~ J111	Open	Shorting
Note 3	TR PCB 3	Used	Not used

P907 P906 P908
P912
CNL1 CNL2 CNL3 CNL5

PSDS016C0X
(FL DISPLAY PCB)

UL01	TA7318P	DL01L , DL01R	MA150
UL02	MSL9359	DL02L , DL02R	MA150
UL03 ~ UL05	MSL912RS	DL03L , DL03R	MA150
		DL04	MA150
QL01L , QL01R	2SA733	DL05	MA1051M
QL02	2SD601A		

RL40 RL39 RL38 RL37 RL36 RL35 RL34 RL33 RL32 RL31 RL30 RL29 RL28 RL27 RL26 RL25 RL24 RL23 33k
RL42 100k QL02 RL41 47k
RL43 470k
RL12 820 (1/2W)
DL05 CL05 100/16V
DL04 RL10 51k RL09 18k
CL06 0.015 CL07 2.2/16V CL08 0.47/50V
RL11 470k
RL07R 24k QL01R
RL07L 24k QL01L
RL06R 10k RL06L 10k
RL09R 82k RL09L 82k
UL01 UL05 UL04 UL03 UL02
RL18 RL19 RL20 RL18~RL20: 5.6k x 3
RL17 100k RL16 100k RL15 100k
RL01R 12k RL01L 12k
CL01R 1/50V CL01L 1/50V
RL08 1.2k
CL03R 1/50V CL03L 1M CL02R 1/50V CL02L 1M CL04 4.7/50V CL09 100/16V
RL05R RL05L RL04R RL04L RL03R RL03L RL02R RL02L RL01R RL01L 2.2k 100p
CNL8 CNL6 CNL7
To PSSW288C0X (MR SW PCB)
To P603 of PSRP033C0X (R/P AMPL. PCB)
To P618 of PSRP033C0X (R/P AMPL. PCB)
To P615 of PSRP033C0X (R/P AMPL. PCB)
To P606 of PSRP033C0X (R/P AMPL. PCB)
P915 P801 P803
8 MIN 88 SEC MEMORY CPS
SOURCE METAL CrO2 NORMAL TAPE METER SCALE MPX DOLBY NR
-20 +10 F 30 F 52
FL01 CP5056R

PSPW067COX (POWER/CONTROL PCB)

U801	μA7812	Q801 , Q802	2SC945	Q901 , Q902	2SC945	D803∿D808	SR1K4	D901∿D903	MA150
U802	μA7912	Q803	2SD325	Q903, Q904	2SA720 (Q,R)	D809	W02M		
		Q804	2SC945	Q905, Q906	2SC1318 (Q,R)	D810	MA1051M	D917, D918	MA150
U901	LA2000	Q805	2SD325	Q907, Q908	2SC945	D811 ∿D814	MA150		
U902	M54545L	Q806	2SC945			D815 , D816	MA1130M		
U903	M54560P	Q807	2SD325	Q915 , Q916	2SA733	D817	MA1062M		
U904	MB8841	Q808, Q809	2SC945	Q917	2SC945	D818	MA1048M		
U905	HMCS44A					D819	MA1330M		
		Q811 , Q812	2SD325			D820	MA1220M		
U907	BA618	Q813 , Q814	2SC945	Q926∿Q928	2SC945	D821	MA1062M		
		Q815	2SC1383 or 2SC1384			D822, D823	SR1K4		
		Q816	2SC1318						

	TA7318P	DL01L , DL01R	MA150
	MSL9359	DL02L , DL02R	MA150
UL05	MSL912RS	DL03L , DL03R	MA150
		DL04	MA150
QL01R	2SA733	DL05	MA1051M
	2SD601A		

FUSE

	EUROPE, U.K.	OTHERS
F801	0.3AT	SHORTING
F802	1.5AT	
F803	1.5AT	
F804	0.3AT	

PSSW290C0X (POWER SW PCB)
EUROPE

PSSW290C0X (POWER SW PCB)
U.K., AUSTRALIA

PSSW290C0X (POWER SW PCB)
GENERAL EXPORT

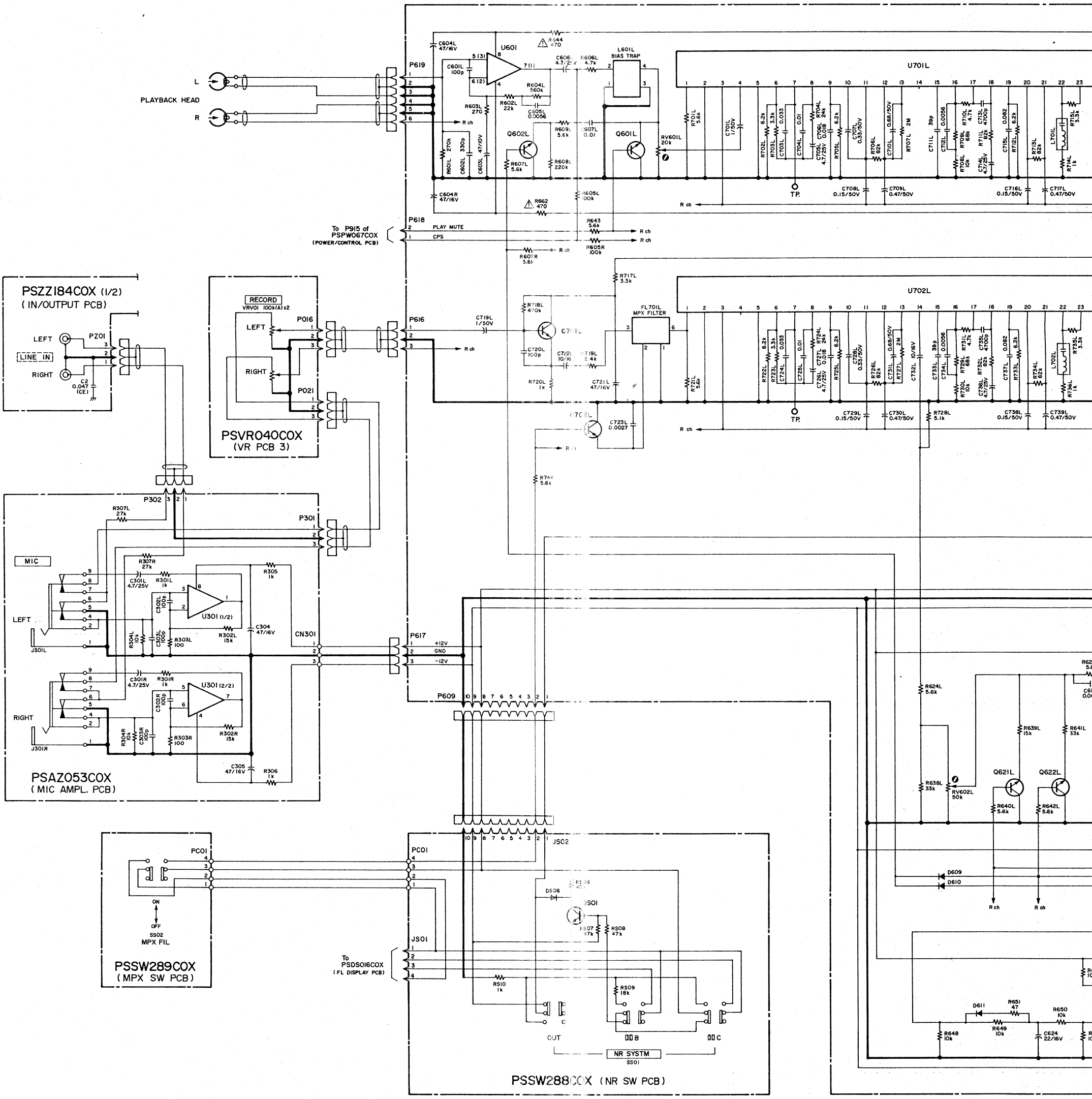
PSSW290C0X (POWER SW PCB)
JAPAN

PSSW290C0X (POWER SW PCB)
U.S.A., CANADA

PSPW067COX (POWER/CONTROL PCB)

TEAC® V-700

2nd Issue; February, 1984



PSAZ053COX
(MIC AMPL. PCB)

U301	M5219L

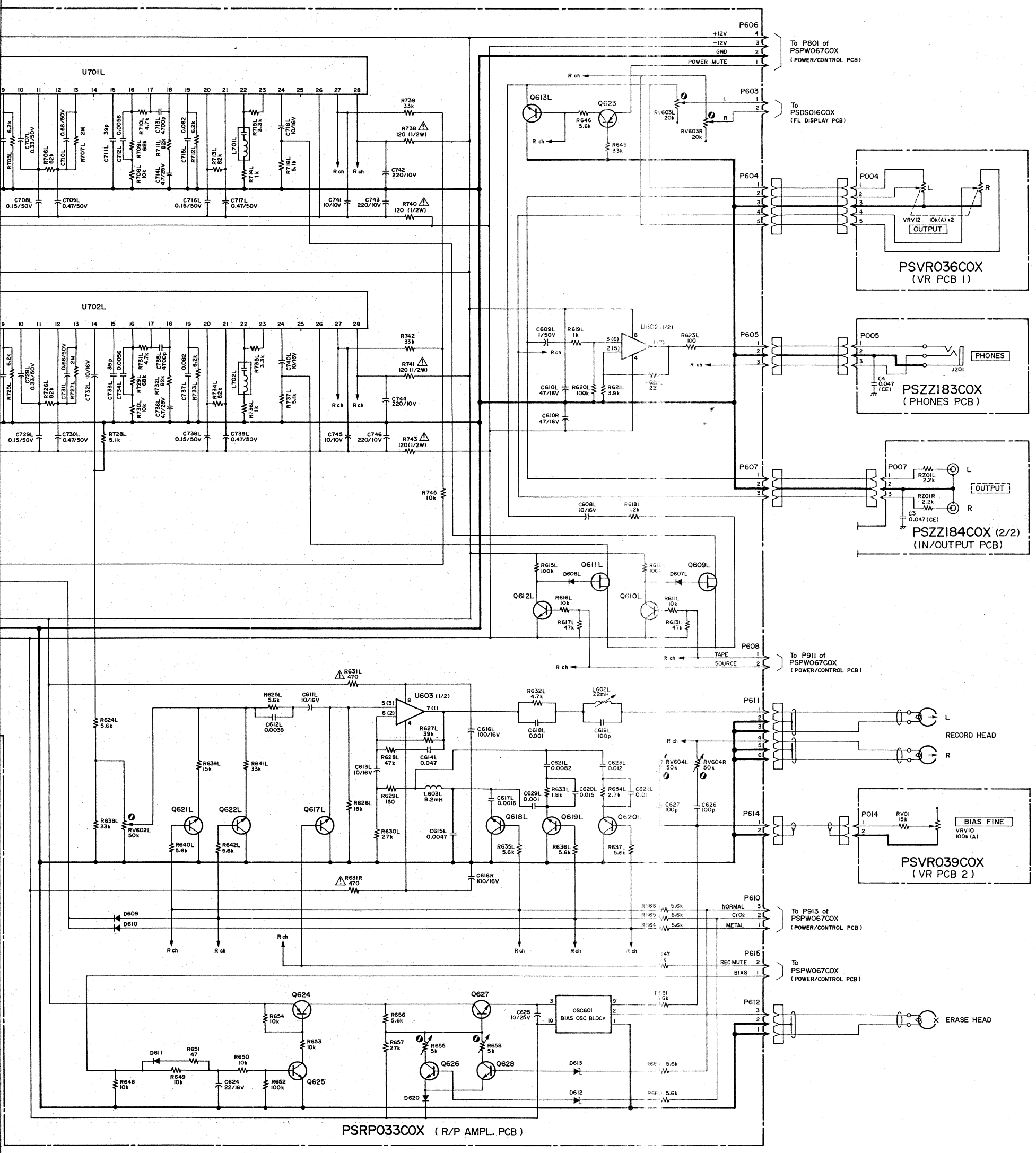
PSSW288COX
(NR SW PCB)

QS01	2SC945(Q,R)
DS06	MA150

PSRP033COX
(POWER/CONTROL PCB)

U601	M5220	Q601L , Q601R	2SC2878	Q617L , Q617R	2SC2878	Q701L , Q701R	2SC945(Q,R)
U602	M5218	Q602L , Q602R	2SC945(Q,R)	Q618L , Q618R	2SC945(Q,R)	Q702L , Q702R	2SC945(Q,R)
U603	RC4558P			Q619L , Q619R	2SC945(Q,R)		
		Q609L , Q609R	2SK136	Q620L , Q620R	2SC945(Q,R)		
U702L , U702R	HA12058	Q610L , Q610R	2SC945(Q,R)	Q621L , Q621R	2SC945(Q,R)	D607L , D607R	MA150
U702L , U702R	HA12058	Q611L , Q611R	2SK136	Q622L , Q622R	2SC945(Q,R)	D608L , D608R	MA150
		Q612L , Q612R	2SC945(Q,R)	Q623 , Q624	2SA733	D609 ~D611	MA150
		Q613L , Q613R	2SC2878	Q625 , Q626	2SC945(Q,R)	D612 , D613	MA1120M
				Q627	2SC1383	D620	MA150
				Q628	2SC945(Q,R)		

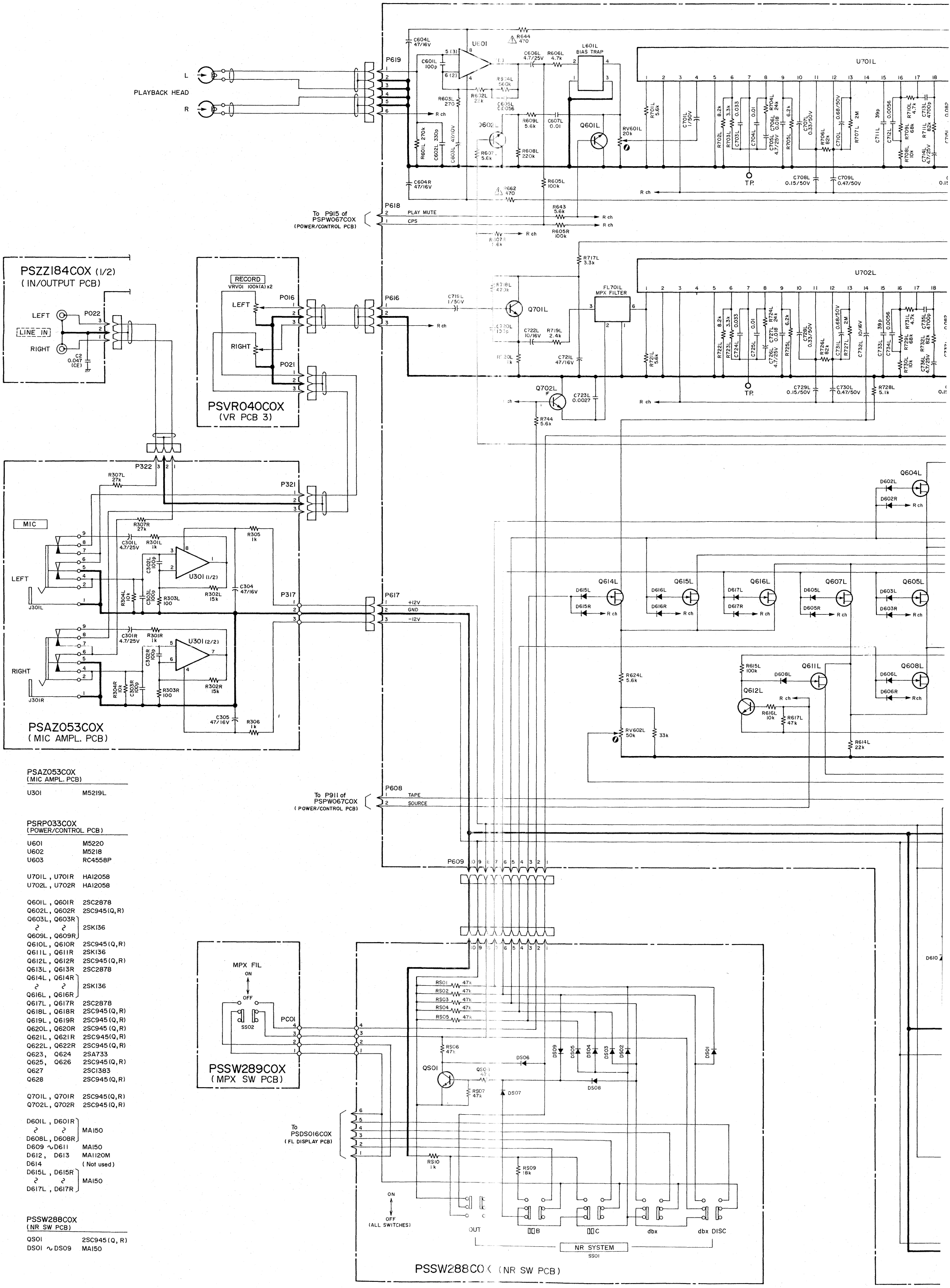
OUT OF DATE



01R	2SC945(Q,R)
02R	2SC945(Q,R)
07R	MA150
08R	MA150
1	MA150
3	MA1120M
	MA150

TEAC® V-700

2nd Issue; February, 1984



PSAZ053COX
(MIC AMPL. PCB)

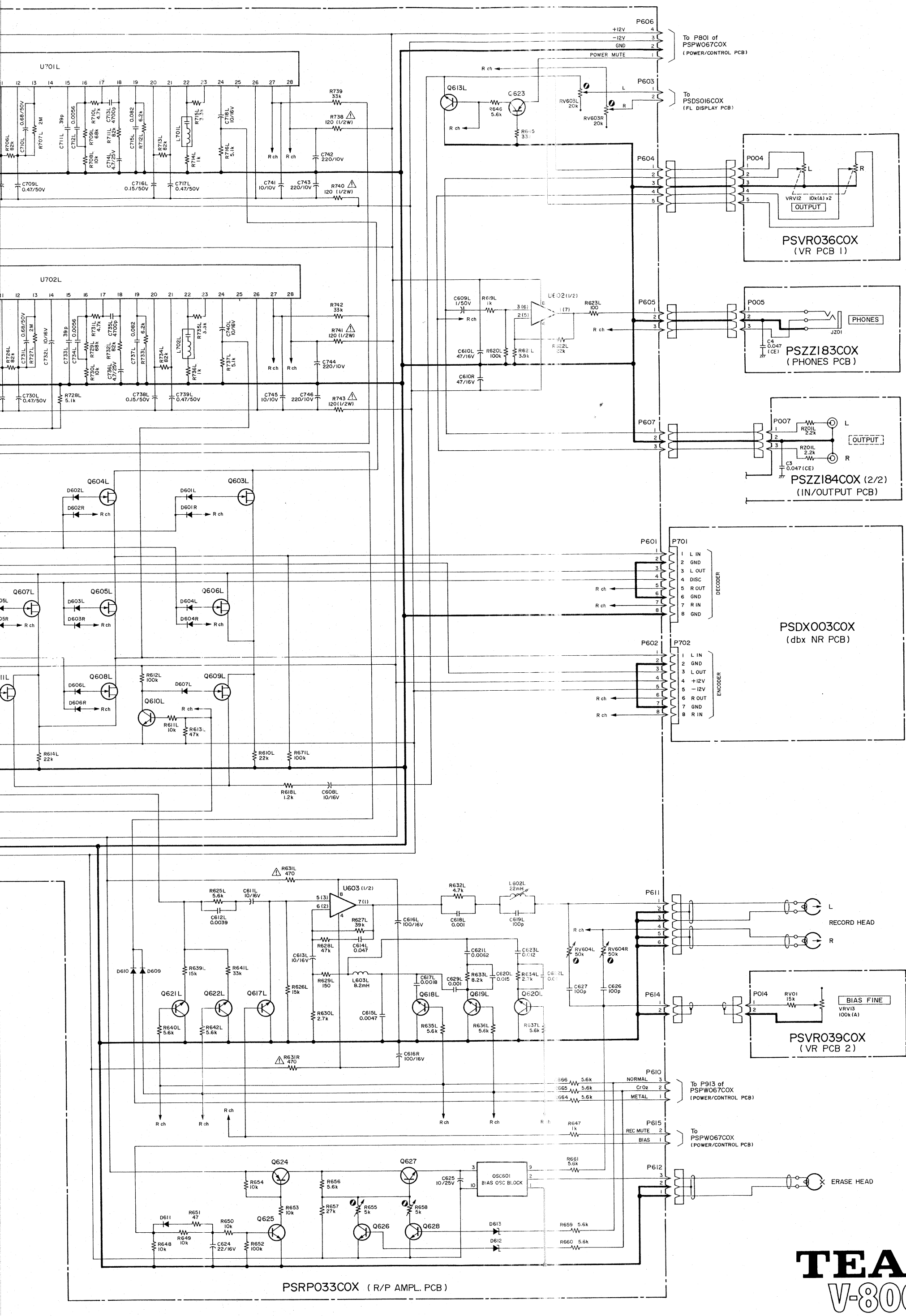
U301	M5219L

PSRP033COX
(POWER/CONTROL PCB)

U601	M5220
U602	M5218
U603	RC4558P
U701L , U701R	HAI2058
U702L , U702R	HAI2058
Q601L , Q601R	2SC2878
Q602L , Q602R	2SC945(Q,R)
Q603L, Q603R ~ Q609L , Q609R	2SKI36
Q610L , Q610R	2SC945(Q,R)
Q611L , Q611R	2SKI36
Q612L , Q612R	2SC945(Q,R)
Q613L , Q613R	2SC2878
Q614L , Q614R ~ Q616L , Q616R	2SKI36
Q617L , Q617R	2SC2878
Q618L , Q618R	2SC945(Q,R)
Q619L , Q619R	2SC945(Q,R)
Q620L , Q620R	2SC945(Q,R)
Q621L , Q621R	2SC945(Q,R)
Q622L , Q622R	2SC945(Q,R)
Q623, Q624	2SA733
Q625, Q626	2SC945(Q,R)
Q627	2SCI383
Q628	2SC945(Q,R)
Q701L , Q701R	2SC945(Q,R)
Q702L , Q702R	2SC945(Q,R)
D601L , D601R ~ D608L , D608R	MAI50
D609 ~ D611	MAI50
D612, D613	MAI120M
D614	(Not used)
D615L , D615R ~ D617L , D617R	MAI50

PSSW288COX
(NR SW PCB)

QS01	2SC945(Q, R)
DS01 ~ DS09	MAI50


U701L
U702L
P606
+12V
-12V
GND
POWER MUTE
To P801 of PSPW067COX (POWER/CONTROL PCB)
P603
To PSDS016COX (FL DISPLAY PCB)
Q613L
Q623
RV603L 20k
RV603R 20k
P604
P004
VRV12 10k(A) x2
OUTPUT
PSVR036COX (VR PCB 1)
P605
P005
PHONES
JZ01
PSZZ183COX (PHONES PCB)
P607
P007
RZ01L 2.2k
RZ01L 2.2k
OUTPUT
C3 0.047 (CE)
C4 0.047 (CE)
PSZZ184COX (2/2) (IN/OUTPUT PCB)
P601
P701
1 L IN
2 GND
3 L OUT
4 DISC
5 R OUT
6 GND
7 R IN
8 GND
DECODER
P602
P702
1 L IN
2 GND
3 L OUT
4 +12V
5 −12V
6 R OUT
7 GND
8 R IN
ENCODER
PSDX003COX (dbx NR PCB)
P611
L
RECORD HEAD
R
P614
P014
RV01 15k
BIAS FINE
VRV13 100k(A)
PSVR039COX (VR PCB 2)
P610
NORMAL
CrO2
METAL
To P913 of PSPW067COX (POWER/CONTROL PCB)
P615
REC MUTE
BIAS
To PSPW067COX (POWER/CONTROL PCB)
P612
ERASE HEAD
PSRP033COX (R/P AMPL. PCB)
R ch
Q604L
Q603L
Q607L
Q605L
Q606L
Q608L
Q609L
Q610L
Q621L
Q622L
Q617L
Q618L
Q619L
Q620L
Q624
Q625
Q626
Q627
Q628
U603 (1/2)
U602 (1/2)
OSC601 BIAS OSC BLOCK
D610
D609
D611
D612
D613
TEAC
V-800X
November, 1983

PSKS002C0X
(KEY SW PCB 2)

TAPE LENGTH SC24
COUNTER MODE SC21
CPS SC25
MEMORY SC20
COUNTER CLEAR SC22
CNS03

PSKS001C0X (KEY SW PCB 1)
EJECT SC01
PAUSE SC08
REC MUTE SC07
PLAY SC04
REWIND SC02
STOP SC03
F. FWD SC05
REC SC06
REC MUTE LDC02
PAUSE LDC03
PLAY LDC05
REC LDC01
LDC01 SLR-34VR5F
LDC02 SLR-34VR5F
LDC03 SLR-34VR5F
LDC05 SLR-34MG5F
CNS02
CNS01

P901
P905
P904
P903
P909
P910

TIMER
PLAY OUT REC

PSSW291C0X
(MONITOR SW PCB)
PS01
ON
OFF
SOURCE
TAPE
MONITOR
SS04

REMOTE

R945 56
R946 56
R947 33
R948 56
J907
R952 5.6k
R953 5.6k
R954 5.6k
R955 5.6k

RA904 3.9k x9
RA902 3.9k x9
RA903 100k x4

Q925
R964 56k
Q917
Q927
R960 470k

D908
D918
D917
D906
D907

U905
U904
R978 33k
C915 0.047

R938 1M
X902 KBR-400
C909 390p
C910 270p
C911 0.01
C912 10/16V
Q908
Q928
R979 4.7k
R963 47k
R956 100k
R977 100k
X901 KBR-4.0M
C907 33p
C908 33p
R961 2.4k
R914 47k

R924 22k
R925 22k
R926 22k
R927 22k
Q909
Q910
Q911
Q912
R928 3k (±1%)
R929 12k (±2%)
R930 12k (±2%)
R933 12k (±2%)
R931 24k (±2%)

R920 4.7k
R932 1.5k
R923 10k (±1%)
R922 4.7k (±1%)
U906 (1/2)
RV902 1k (B)

Q918 Q919 Q920 Q921 Q922 Q923 Q924 Q925
R965 10
R966 10
R967 10
R968 10
R972 10
R971 10
R970 10
R969 10
+8
Y
X
Z

Q931
R985 10k
R987 4.7k
Q930
R983 10

Q918~Q925 2SC945
Q930 2SC945
Q931 2SA733

(TR PCB 3)

P907
P906
P908

PSDS016C0X
(FL DISPLAY PCB)

CNL1
CNL2
CNL3
CNL5
CNL8
CNL6
CNL7

To PSSW288C0X
(NR SW PCB)

To P603 of PSRP033C0X
(R/P AMPL. PCB)

ULO1 TA7318P
ULO2 MSL9359
ULO3 ~ ULO5 MSL912RS
QLO1L, QLO1R 2SA733
QLO2 2SD601A

DLO1L, DLO1R MA150
DLO2L, DLO2R MA150
DLO3L, DLO3R MA150
DLO4 MA150
DLO5 MA1051M

ULO1
ULO2
ULO3
ULO4
ULO5
QLO2
QLO1R
QLO1L

RL42 100k
RL43 470k
RL4 47k
RL40 10k
RL39 10k
RL38 10k
RL37 10k
RL34 33k
RL32 33k
RL31 33k
RL30 33k
RL29 33k
RL28 33k
RL27 33k
RL25 33k
RL24 33k
RL20 RL19 RL18
RL18~RL20 5.6k x3
RL17 100k
RL16 100k
RL15 100k
RL14 100k
RL13 100k
RL12 820 (1/2W)
RL11 470k
RL10 5.1k
RL09 18k
RL08 1.2k
RL07R 24k
RL07L 24k
RL06L 10k
RL06R 10k
RL05L 82k
RL05R 82k
DL04
DL05
CL05 100/16V
CL06 0.015
CL07 2.2/16V
CL08 0.47/50V
CL01L 1/50V
CL01R 1/50V
RL01L 12k
RL01R 12k
CL09 100/16V
CL04 4.7/50V
DL01L DL01R
DL02L DL02R
DL03L DL03R
RL02L 820
RL02R 820
RL03L 2.2k
RL04L 1M
CL02L 1/50V
CL03L 100p
RL04R 1M
CL02R 1/50V
CL03R 100p
RL03R 2.2k

G1 G2 G3 G4 G5
MEMO SOURCE TAPE CPS METER SCALE
NORMAL C-O2 METAL
MPX DIB DIC dbx dbx DISC
MEMORY
CPS
MIN SEC
-20 +10
F 30 F 52
FL01 CP5150GR

PSPW067COX (POWER/CONTROL PCB)

U801	μA7812	Q801 , Q802	2SC945	Q901 , Q902	2SC945	D801 ∿D808	SR1K4	D901 ∿D904	MA150
U802	μA7912	Q803	2SD325	Q903, Q904	2SA720 (Q,R)	D809	W02M	D905	MA1051M
		Q804	2SC945	Q905, Q906	2SC1318 (Q,R)	D810	MA1051M	D906 , D907	MA1120M
U901	LA2000	Q805	2SD325	Q907∿ Q912	2SC945	D811 ∿D814	MA150	D908	MA150
U902	M54545L	Q806	2SC945			D815 , D816	MA1130M		
U903	M54560P	Q807	2SD325	Q915, Q916	2SA733	D817	MA1062M		
U904	MB8841	Q808 , Q809	2SC945	Q917	2SC945	D818	MA1048M		
U905	HMCS44A					D819	MA1330M	D917 , D918	MA150
U906	NJM4558D	Q811 , Q812	2SD325	Q926∿Q928	2SC945	D820	MA1220M		
U907	BA618	Q813 , Q814	2SC945			D821	MA1062M		
		Q815	2SC1383			D822 , D823	SR1K4		
		Q816	2SC1318						

To P610 of PSRP033COX (R/P AMPL. PCB)

To P608 of PSRP033COX (R/P AMPL. PCB)

To P618 of PSRP033COX (R/P AMPL. PCB)

To P615 of PSRP033COX (R/P AMPL. PCB)

To P606 of PSRP033COX (R/P AMPL. PCB)

	EUROPE, U.K.	OTHERS
F801		SHORTING
F802		
F803		
F804		

PSSW290COX (POWER SW PCB)

EUROPE

PSSW290COX (POWER SW PCB)

U.K., AUSTRALIA

PSSW290COX (POWER SW PCB)

GENERAL EXPORT

PSSW290COX (POWER SW PCB)

JAPAN

PSSW290COX (POWER SW PCB)

U.S.A., CANADA

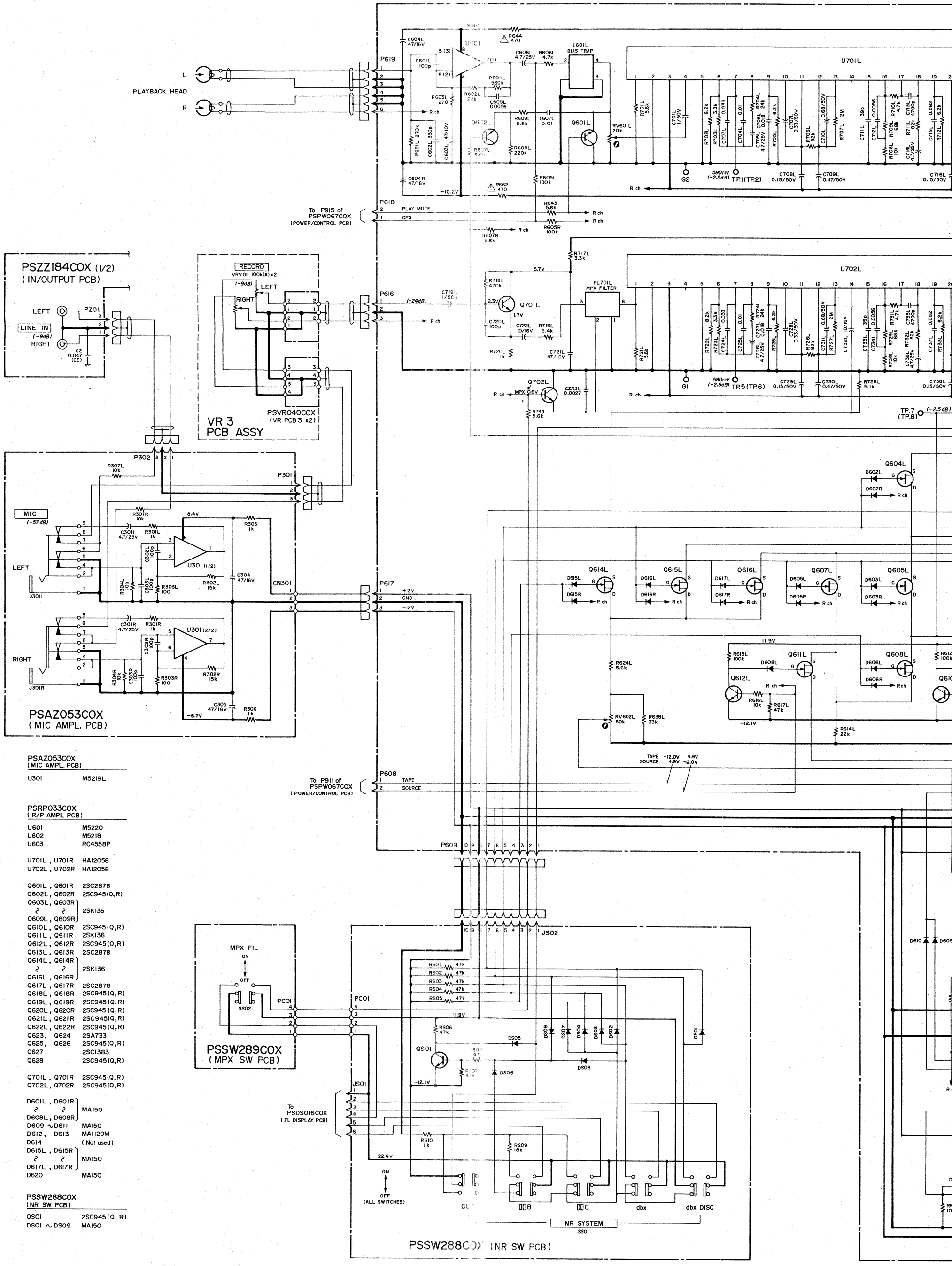
PSPW067COX (POWER/CONTROL PCB)

TEAC®

V-800X

November, 1983

TEAC SCHEMATIC DIAGRAM (R/P AMPL., MIC AMPL.) V-800X



PSAZ053COX (MIC AMPL. PCB)

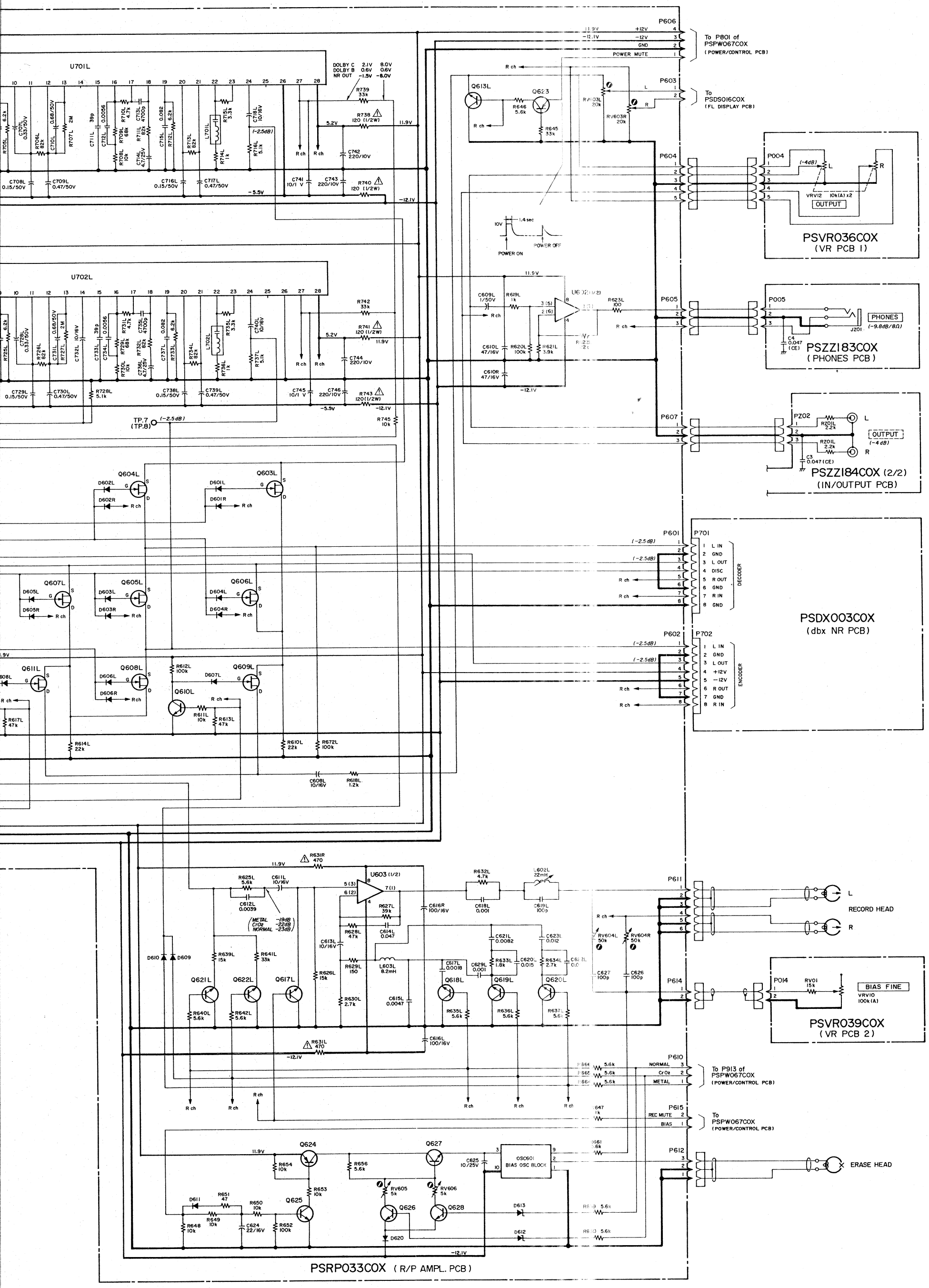
U301	M5219L

PSRP033COX (R/P AMPL PCB)

U601	M5220
U602	M5218
U603	RC4558P
U701L , U701R	HAI2058
U702L , U702R	HAI2058
Q601L , Q601R	2SC2878
Q602L , Q602R	2SC945(Q,R)
Q603L, Q603R ~ Q609L, Q609R	2SK136
Q610L , Q610R	2SC945(Q,R)
Q611L , Q611R	2SK136
Q612L , Q612R	2SC945(Q,R)
Q613L , Q613R	2SC2878
Q614L , Q614R ~ Q616L , Q616R	2SK136
Q617L , Q617R	2SC2878
Q618L , Q618R	2SC945(Q,R)
Q619L , Q619R	2SC945(Q,R)
Q620L , Q620R	2SC945(Q,R)
Q621L , Q621R	2SC945(Q,R)
Q622L , Q622R	2SC945(Q,R)
Q623, Q624	2SA733
Q625, Q626	2SC945(Q,R)
Q627	2SC1383
Q628	2SC945(Q,R)
Q701L , Q701R	2SC945(Q,R)
Q702L , Q702R	2SC945(Q,R)
D601L , D601R ~ D608L , D608R	MA150
D609 ~ D611	MA150
D612, D613	MA1120M
D614	(Not used)
D615L , D615R ~ D617L , D617R	MA150
D620	MA150

PSSW288COX (NR SW PCB)

QS01	2SC945(Q, R)
DS01 ~ DS09	MA150



V-800X Stereo Cassette Deck

3rd Issue; April, 1984

TEAC SCHEMATIC DIAGRAM (POWER/CONTROL, FL DISPLAY) V-800X

1 2 3 4 5 6

A B C D E F G H

PSKS002C0X (KEY SW PCB 2)

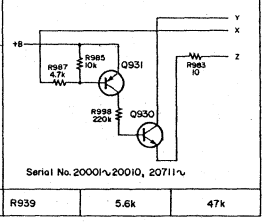
PSKS001C0X (KEY SW PCB 1)

PSSW291C0X (MONITOR SW PCB)

(TR PCB 3)

PSDS016C0X (FL DISPLAY PCB)

Notes

V-800X SERIAL No.		10001~20000 20011~20710	20001~20010 20711~
Note 1	D913 ~ D916	Not mounted	Mounted
Note 2	J9 J109 ~ J111	Open	Shorting
Note 3	Q918 ~ Q924 R965 ~ R972	Mounted	Not mounted
Note 4	 Serial No. 20001~20010, 20711~		
Note 5	R939	5.6k	47k

PSPW067COX (POWER/CONTROL PCB)

U801	µA7812	Q801 , Q802	2SC945	Q901 , Q902	2SC945	D801 ~ D808	SR1K4	D901 ~ D904	MA150
U802	µA7912	Q803	2SD325	Q903, Q904	2SA720 (Q,R)	D809	W02M	D905	MA1051M
		Q804	2SC945	Q905, Q906	2SC1318 (Q,R)	D810	MA1051M	D906 , D907	MA1120M
U901	LA2000	Q805	2SD325	Q907 ~ Q912	2SC945	D811 ~ D814	MA150	D908	MA150
U902	M54545L	Q806	2SC945			D815 , D816	MA1130M		
U903	M54560P	Q807	2SD325	Q915, Q916	2SA733	D817	MA1062M		
U904	MB8841	Q808 , Q809	2SC945	Q917	2SC945	D818	MA1048M		
U905	HMCS44A					D819	MA1330M	D917 , D918	MA150
U906	NJM4558D	Q811 , Q812	2SD325	Q926 ~ Q928	2SC945	D820	MA1220M		
U907	BA618	Q813 , Q814	2SC945			D821	MA1062M		
		Q815	2SC1383 or 2SC1384			D822, D823	SR1K4		
		Q816	2SC1318						

FUSE	EUROPE, U.K.	OTHERS
F801	0.5AT	SHORTING
F802	1.6AT	
F803	1.6AT	
F804	0.5AT	

PSSW290COX (POWER SW PCB) — EUROPE

PSSW290COX (POWER SW PCB) — U.K., AUSTRALIA

PSSW290COX (POWER SW PCB) — GENERAL EXPORT

PSSW290COX (POWER SW PCB) — JAPAN

PSSW290COX (POWER SW PCB) — U.S.A., CANADA

V-800X Stereo Cassette Deck

3rd Issue; April, 1984

PSKS002C0X
(KEY SW PCB 2)

EJECT SC01 PAUSE SC08
REC MUTE SC07 PLAY SC04
REWIND SC02 STOP SC03
F. FWD SC05 REC SC06
TAPE LENGTH SC20
COUNTER MODE SC21 CPS SC25
MEMORY SC24 COUNTER CLEAR SC22
CNS03

PSKS001C0X (KEY SW PCB 1)
REC MUTE LDC02
PAUSE LDC03
PLAY LDC05
REC LDC01
CNS02
CNS01
LDC01 SLR-34VR5F
LDC02 SLR-34VR5F
LDC03 SLR-34VR5F
LDC05 SLR-34MG5F

P901 P905 P904 P902 P909 P910

TIMER
PLAY OUT REC

PSSW291C0X
(MONITOR SW PCB)
PS01
ON OFF
SOURCE TAPE
MONITOR SS04

REMOTE

U907
R945 56 R946 56 R947 33 R948 56
R952 5.6k R953 5.6k R954 5.6k R955 5.6k

RA902 3.9k x9
RA903 100k x4
ADC 3.9k x9

U905 U904

Q926 Q917 Q927 R964 56k R980 470k
Q915 R940 100k R939 47k
R938 1M X902 KBR-400
C909 390p C910 270p C911 0.01 C912 10/16V
R981 100k
R963 47k
R978 33k
C915 0.047
X901 KBR-4.0M
C907 33p C908 33p
R941 2.4k R915 10k
R914 47k
Q908 Q928 Q907
R979 4.7k
R994 22k R956 100k R977 100k
D908

Q909 Q910 Q911 Q912
R924 22k R925 22k R926 22k R927 22k
R928 3k (±1%) R929 12k (±2%) R930 12k (±2%) R933 12k (±2%) R931 24k (±2%)

R920 4.7k R932 1.5k R923 10k (±1%) R922 4.7k (±1%)
RV902 10k (B) R921 1k D904 D905 R919 680
U906 (1/2) U906 (2/2)

D918 D917
D907 D906

Q918 Q919 Q920 Q921 Q922 Q923 Q924 Q925
R972 10 R971 10 R970 10 R969 10
R968 10 R966 10 R967 10 R968 10
MA200 x4
D915 D914 D913 D916
Note 1

Note 2
J9 J109 J110 J111

Note 3
Y X Z

Q931 Q930
R987 4.7k R985 10k R983 10
R998 220k
Note 4

Q918~Q925 2SC945
Q930 2SC945
Q931 2SA733
Serial No.
10001~20000
20011~20710

(TR PCB 3)

P907 P908 P909 P910

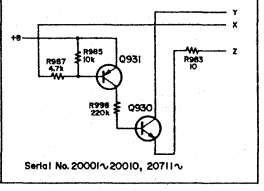
PSDS016C0X
(FL DISPLAY PCB)

CNL1 CNL3 CNL5 CNL7 CNL8 CNL6

UL01 TA7318P
UL02 MSL9359
UL03 ~ UL05 MSL912R3
QL01L , QL01R 2SA733
QL02 2SD601A
DL01L , DL01R MA150
DL02L , DL02R MA150
DL03L , DL03R MA150
DL04 MA150
DL05 MA1051M

UL01 UL05 UL04 UL03 UL02
RL40 RL39 RL38 RL37 RL36 RL35 RL34 RL33 RL32 RL31 RL30 RL29 RL28 RL27 RL26 RL25 RL24
RL42 100k RL43 470k RL41 47k QL02
RL12 820 (1/2W) RL11 470k
DL05 CL05 100/16V CL06 0.015 CL07 2.2/16V CL08 0.47/50V
DL04 RL10 51k RL09 18k
RL07R 24k RL07L 24k QL01R QL01L
RL05L 82k RL05R 82k
RL17 RL16 RL15 RL14 RL13 100k
RL18~RL20 3.6k x3
RL18 RL19 RL20
RL08 1.2k
CL01L 1/50V CL01R 1/50V CL02L 1/50V CL02R 1/50V CL03L 1M CL03R 1M CL04 4.7/50V CL09 100/16V
RL01L 12k RL01R 12k
RL04R 1.2k RL04L 1.2k RL03L 100k RL03R 100k RL02L 4.2k RL02R 4.2k RL01L 2.2k RL01R 100k
DL01L DL01R DL02L DL02R DL03L DL03R
To PSSW288C0X (NR SW PCB)
To P603 of PSRP033C0X (R/P AMPL. PCB)
To P615 of PSRP033C0X (R/P AMPL. PCB)
CNL8 CNL6 CNL7
G3 G4 G5 G6 G1 G2
SOURCE METAL CrO2 NORMAL TAPE
CPS METER SCALE
MPX BIB 30C dbx DISC
MEMORY CPS MIN SEC
-20 +10
F 30 F 32
FL01 CP5150GR

Notes

V-800X SERIAL No.		10001~20000 20011~20710	20001~20010 20711~
Note 1	D913 ~ D916	Not mounted	Mounted
Note 2	J9 J109 ~ J111	Open	Shorting
Note 3	Q918 ~ Q924 R965 ~ R972	Mounted	Not mounted
Note 4	 Serial No. 20001~20010, 20711~		

YOUSH DATA

PSPW067COX (POWER/CONTROL PCB)

U801	μA7812	Q801 , Q802	2SC945	Q901 , Q902	2SC945	D801 ∿D808	SR1K4	D901 ∿D904	MA150
U802	μA7912	Q803	2SD325	Q903, Q904	2SA720 (Q,R)	D809	W02M	D905	MA1051M
		Q804	2SC945	Q905, Q906	2SC1318 (Q,R)	D810	MA1051M	D906 , D907	MA1120M
U901	LA2000	Q805	2SD325	Q907∿Q912	2SC945	D811 ∿D814	MA150	D908	MA150
U902	M54545L	Q806	2SC945			D815 , D816	MA1130M		
U903	M54560P	Q807	2SD325	Q915, Q916	2SA733	D817	MA1062M		
U904	MB8841	Q808 , Q809	2SC945	Q917	2SC945	D818	MA1048M		
U905	HMCS44A					D819	MA1330M	D917 , D918	MA150
U906	NJM4558D	Q811 , Q812	2SD325	Q926∿Q928	2SC945	D820	MA1220M		
U907	BA618	Q813 , Q814	2SC945			D821	MA1062M		
		Q815	2SC1383 or 2SC1384			D822, D823	SR1K4		
		Q816	2SC1318						

	EUROPE, U.K.	OTHERS
FB01	0.5AT	SHORTING
FB02	1.6AT	
FB03	1.6AT	
FB04	0.5AT	

PSSW290COX (POWER SW PCB)
EUROPE

PSSW290COX (POWER SW PCB)
U.K., AUSTRALIA

PSSW290COX (POWER SW PCB)
GENERAL EXPORT

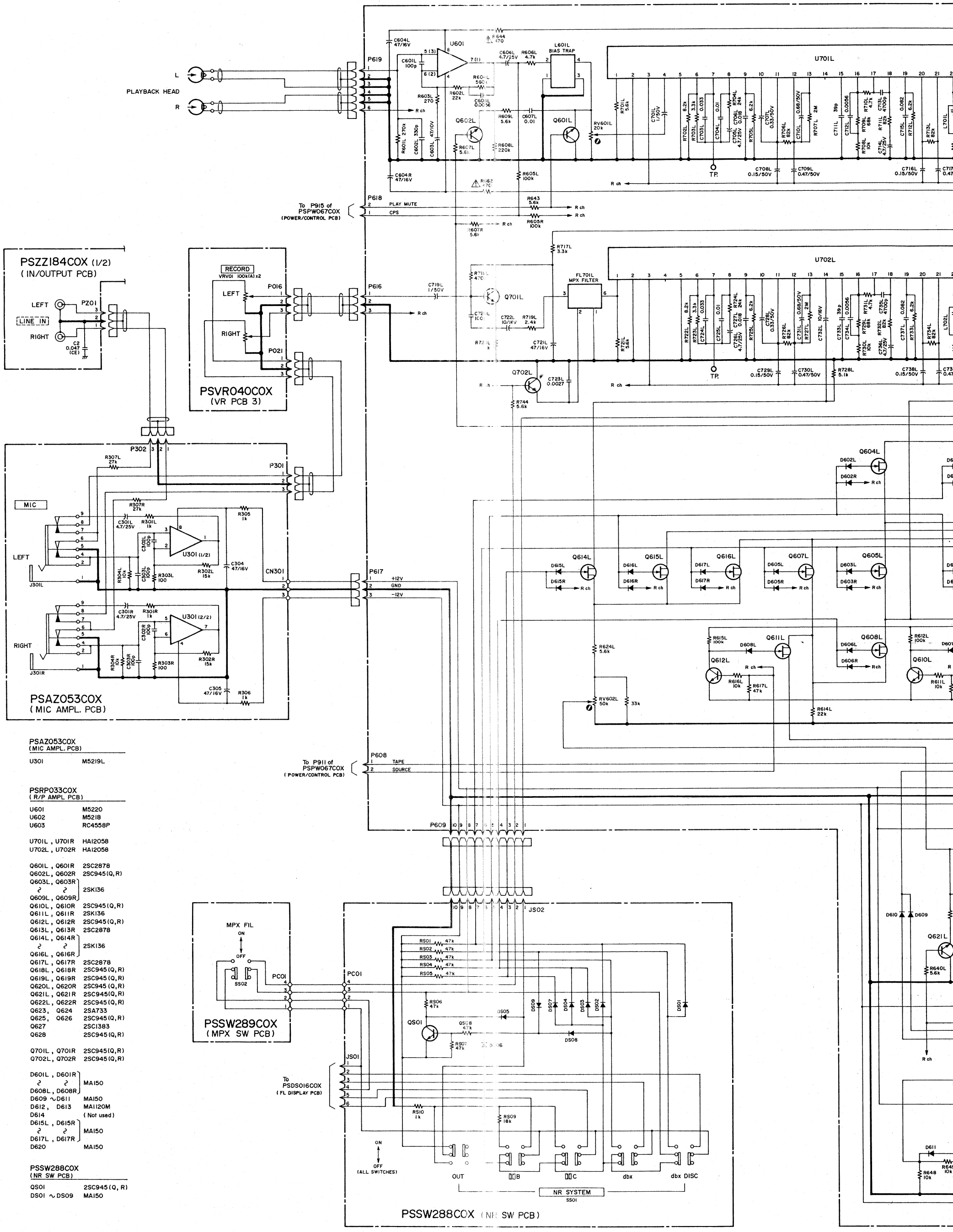
PSSW290COX (POWER SW PCB)
JAPAN

PSSW290COX (POWER SW PCB)
U.S.A., CANADA

PSPW067COX (POWER/CONTROL PCB)

TEAC® V-800X

2nd Issue; February, 1984



PSAZ053COX
(MIC AMPL. PCB)

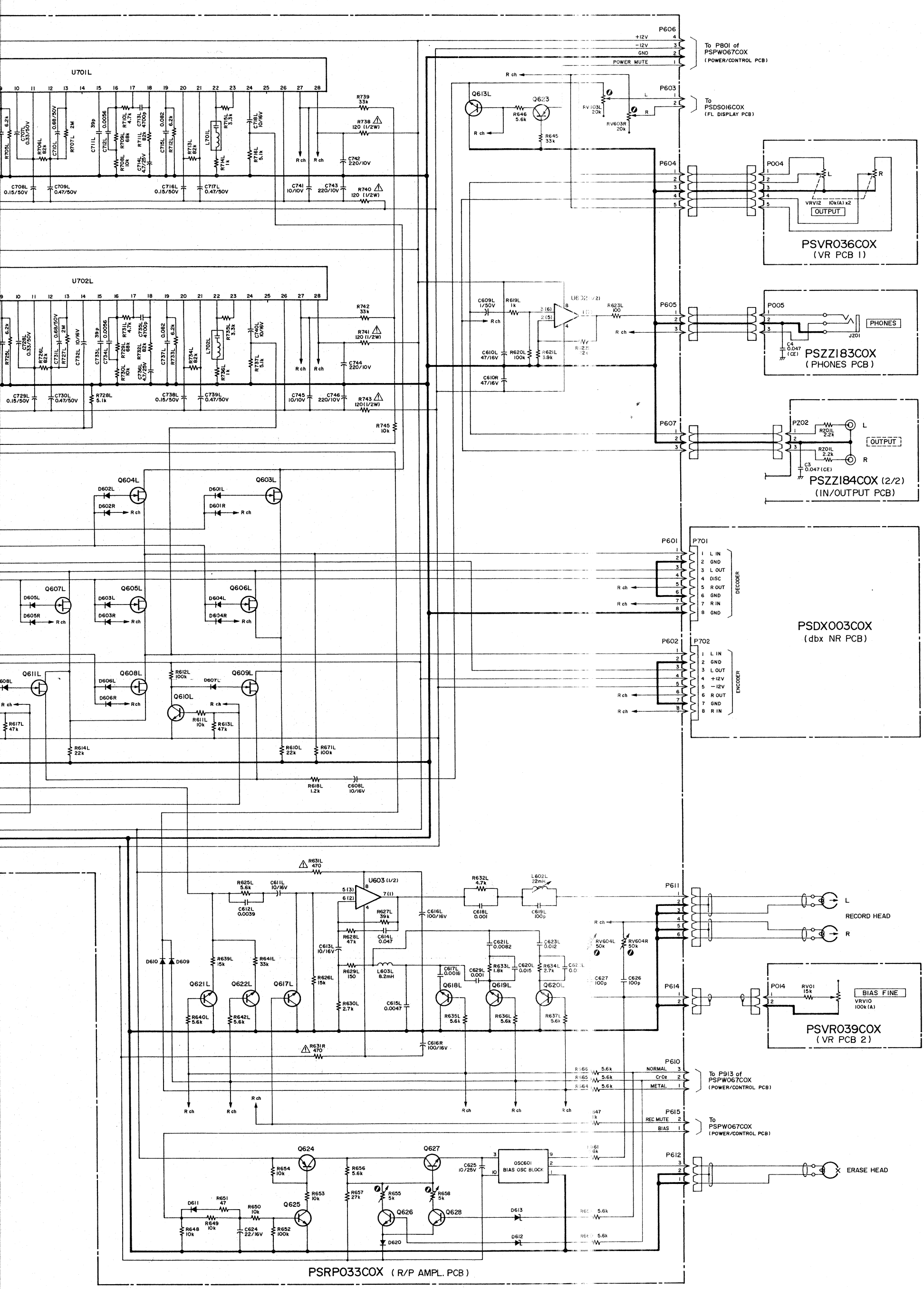
U301	M5219L

PSRP033COX
(R/P AMPL PCB)

U601	M5220
U602	M5218
U603	RC4558P
U701L , U701R	HAI2058
U702L , U702R	HAI2058
Q601L , Q601R	2SC2878
Q602L , Q602R	2SC945(Q,R)
Q603L , Q603R ~ Q609L , Q609R	2SKI36
Q610L , Q610R	2SC945(Q,R)
Q611L , Q611R	2SKI36
Q612L , Q612R	2SC945(Q,R)
Q613L , Q613R	2SC2878
Q614L , Q614R ~ Q616L , Q616R	2SKI36
Q617L , Q617R	2SC2878
Q618L , Q618R	2SC945(Q,R)
Q619L , Q619R	2SC945(Q,R)
Q620L , Q620R	2SC945(Q,R)
Q621L , Q621R	2SC945(Q,R)
Q622L , Q622R	2SC945(Q,R)
Q623, Q624	2SA733
Q625, Q626	2SC945(Q,R)
Q627	2SCI383
Q628	2SC945(Q,R)
Q701L , Q701R	2SC945(Q,R)
Q702L , Q702R	2SC945(Q,R)
D601L , D601R ~ D608L , D608R	MAI50
D609 ~ D611	MAI50
D612, D613	MAI120M
D614	(Not used)
D615L , D615R ~ D617L , D617R	MAI50
D620	MAI50

PSSW288COX
(NR SW PCB)

QS01	2SC945(Q, R)
DS01 ~ DS09	MAI50



TEAC® V-800X

2nd Issue; February, 1984